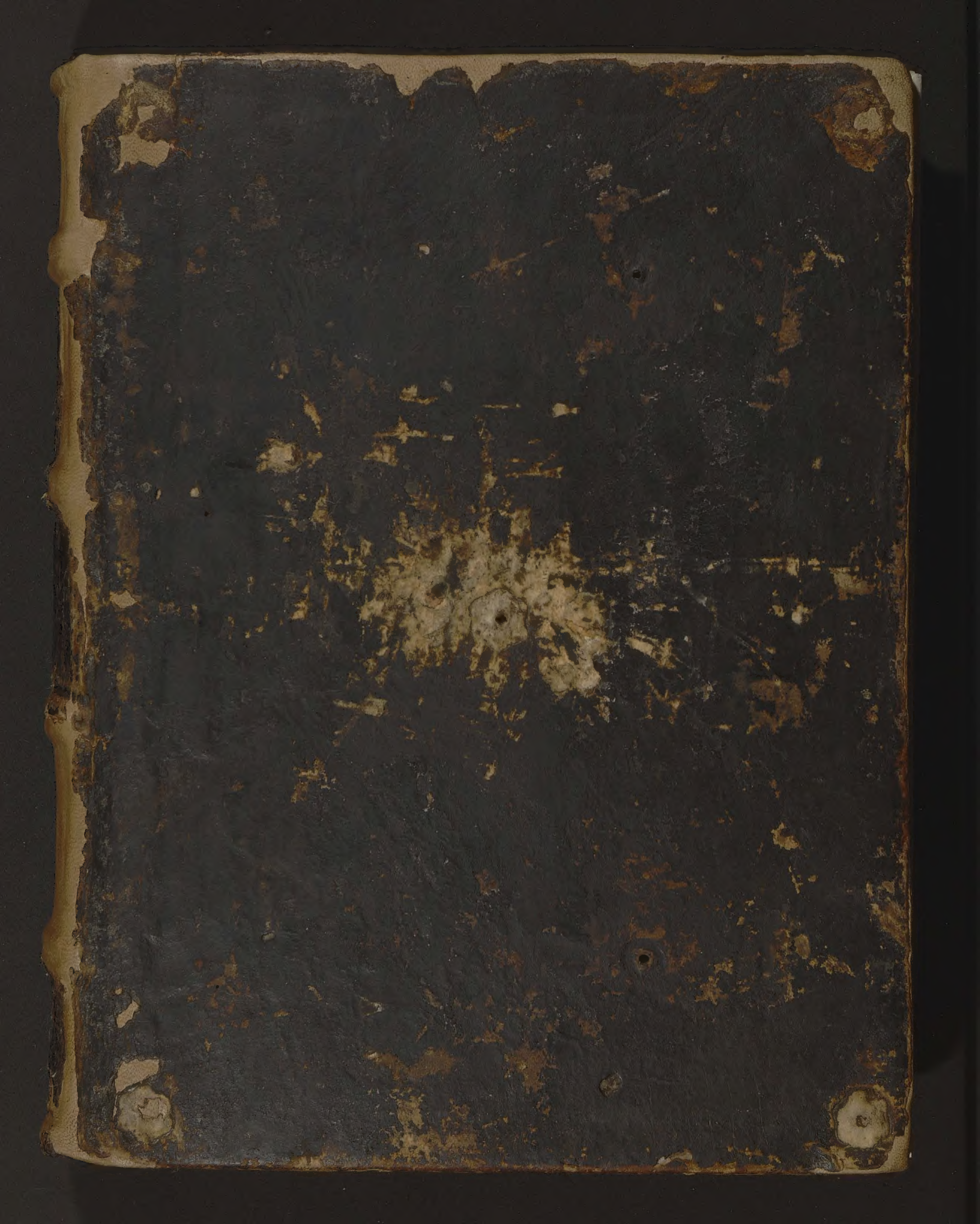


Hoc etiam vmb[illegible]

1 . 9 . 8 . 9

3 | 0 |

[illegible] sol et luna

2 20 4 4

M[illegible] sol 8 88 73 72

7 72 77 28 0 | 0 36 8

1 30 38 48

...dum festu regalis de cuius more angli hodie g...

...[illegible] iesus [I]ubilat universe nelle mater hic fuit...

...p filii clementiam [G]ratulare. ergo. patre tam...

...na illustrata cuius [illegible] ...

...delis nec bellicosi Euouae

...zone triumphali meruit regna summi dies iste cele...

...ctum celestis erant. R. Fortissimos milites optim...

...num R. Que meruit dei ... ...





Ex Isidoro

Astronomia est astrorum lex que cursus siderum et figuras et habitudines stellarum circa se et circa terram indagabili ratione percurrit [illegible]

[illegible]

Astronomia [illegible]

1	2	3	4	5	6	7	8	9
2	4	6	8	10	12	14	16	18
3	6	9	12	15	18	21	24	27
4	8	12	16	20	24	28	32	36
5	10	15	20	25	30	35	40	45
6	12	18	24	30	36	42	48	54
7	14	21	28	35	42	49	56	63
8	16	24	32	40	48	56	64	72
9	18	27	36	45	54	63	72	81

Anno 1493

Liber magistri Johannis Stalczar [illegible] de Szroda · munere datus pro cognatis studentibus

Tabula Alphonsi Regis

H. D. Petrus Thominus episcopus Cracoviensis 1536 Collegio Theolog. legavit

Incipiunt tabule alphonsii regis Illustrissimi Primo Tabule differentiarum annorum regni castelle ac nomina Regum atque ere Die cuiuslibet note ere Intabulis sequentibus sunt posite per ordinem

	s	3a	2a	1a	Dies	Anni	mẽs	di	m̃		
Dra diluvii et regis alphonsii	7	21	40	28	1590028	4353	3	14	40		
Dra nabugodonosor et alphonsii	3	22	44	25	729865	1998	3	5	30		
Dra mortis allexandri sive regis philippi et regis al.	2	39	45	5	575105	1574	6	20	30		
Dra allexandri magni et regis alphonsii	2	38	32	44	570764	1562 8		0	30		
Dra ere cesaris et regis alphonsii	2	10	49	19	470959						
Dra incarnationis domini nostri Ihesu Christi et al.	2	6	57	59	457079						
Dra dyocleciani et alphonsii	1	38	11	13	353473						
Dra ere arabum et regis alphonsii	1	3	54	24	230064						
Dra yezdagerd ultimi regis persarum et regis alphonsii	1	2	54	0	226440						
Dra diluvii et Nabugodonosor	3	58	56	13	860173						
Dra diluvii et allexandri macedonis sive regis	4	41	55	33	1014933						
Dra diluvii et allexandri magni philippi	4	43	7	54	1019274						
Dra diluvii et ere Cesaris	5	10	51	19	1119079					Januarius	31
Dra diluvii et incarnationis domini nostri Ihesu Christi	5	14	42	39	1132959					Februarius	28
Dra diluvii et dyocleciani	5	43	29	25	1236565					Marcius	31
Dra diluvii et ere arabum	6	17	46	14	1359974					Aprilis	30
Dra diluvii et ere persarum ultime	6	18	46	38	1363598					Maius	31
Dra nabugodonosor et mortis allexandri primi philippi	0	42	59	20	154760					Junius	30
Dra nabugodonosor et allexandri magni	0	44	11	41	159101					Julius	30
Dra nabugodonosor et ere Cesaris	1	11	55	6	258906					Augustus	31
Dra nabugodonosor et incarnationis domini nostri Ihesu Christi	1	15	46	28	272786					September	30
Dra ere arabum et ere persarum	1	44	33	12	376393					October	31
Dra nabugodonosor et dyocleciani	2	18	50	1	499801					November	30
Dra nabugodonosor et ere arabum	2	19	57	25	503425					December	31
Dra nabugodonosor et ere persarum	0	1	12	21	4341						
Dra mortis allexandri primi regis philippi et allexandri magni	0	28	55	46	104146						
Dra mortis allexandri primi philippi et ere cesaris	0	32	44	6	114226						
Dra mortis allexandri primi philippi et incarnationis domini n.	1	1	33	52	221632						
Dra mortis allexandri primi philippi et ere persarum	1	35	50	41	345041						
Dra mortis allexandri et ere Cesaris	1	36	51	4	348995						
Dra allexandri magni et incarnationis domini n. I. X.	0	27	43	25	99805						
Dra ade	10	14	21	33							

Residuum tabule dierum magnorum regnorum

Dra allex magni et dyocleciani	1	0	21	31	217291
Dra allex magni et ere arabum	1	34	38	20	340700
Dr allex magni et ere persarum	1	35	38	44	344324
Dr ere cesaris et incar. dni n. i. x.	0	3	15	20	13880
Dr ere cesaris et dyocleciani	0	32	38	6	117486
Dra ere cesaris et ere arabum	1	6	54	25	240895
Dra ere cesaris et ere persarum	1	7	55	19	244519
Dra incarna. d. n. i. x. et dyocleciani	0	28	46	46	103606
Dr incar. d. n. i. x. et ere arabum	1	3	3	35	227015
Dr incar. d. n. i. x. et ere persarum	1	4	13	59	231239
Dra dyocleciani et ere arabum	0	38	16	4	12349
Dra dyocleciani et ere persarum	0	31	17	13	127033
Dra ere arabum et ere persarum	0	1	0	24	3634

Tabula annis ad extrahendum omnes eras bisextiles et dierum magnarum exigit

Nota quod anni bisextiles solis [illegible] de [illegible] in annis [illegible] [illegible] [illegible] [illegible] credent [illegible]

Anni collecti qd anos bisextiles	Anni incarnationis alexandri magni cesaris et dyocleciani					Anni expansi grecorum arabum et alp honcii						Anni expansi allexandri et dyocleciani					Anni expansi ere cesaris				
	4	3	2	p		Anni	3	2	1	60		Anni	3	2	1	60	Anni	3	2	1	60
40	0	4	3	30		1	0	6	5	15		1	0	6	5	60	1	0	6	5	45
60	0	6	5	15		2	0	12	10	30		2	0	12	10	b	2	0	12	11	0
80	0	8	7	0		3	0	18	15	45	b	3	0	18	16		3	0	18	16	15
100	0	10	8	45	b	4	0	24	21	0		4	0	24	21		4	0	24	21	30
200	0	20	17	30		5	0	30	26	15		5	0	30	26		5	0	38	26	45
300	0	30	26	15		6	0	36	31	30		6	0	36	31	b	6	0	36	36	0
400	0	40	35	0		7	0	42	36	45	b	7	0	42	36	27	7	0	42	27	15
500	0	50	43	45	b	8	0	48	42	0		8	0	48	42		8	0	48	42	30
600	1	0	52	30		9	0	54	47	15		9	0	54	47		9	0	54	47	45
700	1	5	1	15		10	1	0	52	30		10	1	0	52	b	10	1	0	53	0
800	1	21	10	0		11	1	6	57	45	b	11	1	6	58		11	1	6	58	15
900	1	31	18	45	b	12	1	13	3	0		12	1	13	3		12	1	13	3	30
1000	1	41	27	30		13	1	19	8	15		13	1	18	8		13	1	19	8	45
2000	3	22	55	0		14	1	25	13	30		14	1	25	13	b	14	1	25	14	0
3000	5	4	22	30		15	1	31	18	45	b	15	1	31	19		15	1	31	19	15
4000	6	45	50	0	b	16	1	37	24	0		16	1	37	18	24	16	1	37	24	30
5000	8	27	[illegible]	30		17	1	43	29	15		17	1	43	29		17	1	43	29	45
6000	10	8	45	0		18	1	49	34	30		18	1	49	34	b	18	1	49	35	0
7000	11	50	12	30		19	1	55	39	45	b	19	1	55	39	40	19	1	55	40	15
8000	13	31	40	0	b	20	2	1	45	0		20	2	1	45		20	2	1	45	30

Menses latinorum [illegible] anno [illegible]	z	g	Menses [illegible] anno et ere Cesaris	z	g	Menses grecorum [illegible] ab octob. incipientes	z	g	Menses egiptiorum in annos [illegible] incipientes ab octobre	z	g
Junius	0	30	Januarius	0	31	Tysrin p.	0	31	Tuth	0	30
Julius	1	1	Februarius	0	59	Tysri sec.	1	1	Baba	1	0
Augustus	1	32	Marcius	1	30	Kanun primus	1	32	Hatur	1	30
September	2	2	Aprilis	2	0	Kanun secundus	2	3	Keyhek	2	0
October	2	33	Mayus	2	31	Canath	2	32	Tetti	2	30
November	3	3	Junius	3	1	Adar	3	3	Amchir	3	0
December	3	34	Julius	3	32	Nysan	3	33	Barmahat	3	30
Januarius	4	2	Augustus	4	3	Ayar	4	4	Barmuda	4	0
Februarius	4	33	September	4	33	Hasiran	4	34	Bixbonch	4	30
Marcius	5	4	October	5	4	Thamuz	5	5	Juba	5	0
Aprilis	5	34	November	5	34	Ab vel Af	4	4	Abib	5	30
Maius	6	5	December	6	5	Eylul	6	6	Mesre	6	5

Tabula mensium corrigenda [illegible]

	z	g		z	g	Menses	z	pa	Menses	z	pa
Junius	0	30	Januarius	0	31	Tysrin primus	0	31	Toth	0	30
Julius	1	1	Februarius	1	0	Tysri secundus	1	1	Baba	1	0
Augustus	1	32	Marcius	1	32	Kanun primus	1	32	Hatur	1	30
September	2	2	Aprilis	2	1	Kanun secundus	2	3	Keyhek	2	0
October	2	33	Mayus	2	32	Canath	2	32	Tetti	2	30
November	3	3	Junius	3	2	Adar	3	3	Amchir	3	0
December	3	34	Julius	3	33	Nysan	3	33	Barmehet	3	30
Januarius	4	5	Augustus	4	4	Ayar	4	4	Barmuda	4	0
Februarius	4	34	September	4	34	Hasiran	4	34	Bixbonch	4	30
Marcius	5	5	October	5	5	Thamuz	5	5	Juba	5	0
Aprilis	5	35	November	35	6	Ab vel Af	5	36	Abib	5	30
Maius	0	6	December	6	6	Eylul	6	6	Mesre	6	6

Tabula mensium egiptiorum quae venit [illegible] tabula mensium persarum [illegible] menses

Arabum et phyr sup almagesti

Menses [illegible]	z	g	Ta. mensium persarum	z	g	Ta. mensium arabum primitus	z	g	Anni arabum colla[illegible]	s	3a	2a	pa
Tuth	0	30	Afrodam	0	30	Muharram	0	30	1800	2	7	11	6
Baba	1	0	Ardiahim	1	0	Safar	0	59	2700	4	27	46	30
Hator	1	30	Ardiemie	1	30	Rabe p.	1	29	3600	5	54	22	0
Harfaly	2	0	Camarme	2	0	Rabe 2a	1	59	4500	7	22	57	30
Sohby	2	30	Mardemie	2	30	Jumet p.	2	28	5400	8	51	33	0
Mehir	3	0	Taurmeme	3	2	Jumet 2a	2	29	6300	10	20	8	30
Phamanoe	3	30	Adirmie	3	30	Rageb	3	27	7200	11	48	44	0
Bahnoi	4	0	Mahanie	4	0	Chaaban	3	26	8100	13	17	19	30
Macor	4	30	Alameth	4	30	Ramadan	4	26					
Pensi	5	0	Dymech	5	0	Sauel	4	55	Nota annos arabum collectos				
Actien	5	30	Siemeneth	5	30	Duldeyda	5	5	et expansos				
Mamon	6	0	Assidamie	6	0	Dulhegia	5	54					

sine ante [illegible]

Tabula addendi annorum arabum et ad extrahendum quamlibet eram incognitam

Anni arabum ... [illegible] ... Nota quod arabes ... [illegible]

Anni arabum collecti per 30	4	3	2	1
30	0	2	57	11
60	0	5	54	22
90	0	8	51	33
120	0	11	48	44
150	0	14	45	55
180	0	17	43	6
210	0	20	40	17
240	0	23	37	28
270	0	26	34	39
300	0	29	31	50
330	0	32	29	1
360	0	35	26	12
390	0	38	23	23
420	0	41	20	34
450	0	44	17	45
480	0	47	14	56
510	0	50	12	7
540	0	53	9	18
570	0	56	6	29
600	0	59	3	40
630	1	2	0	51
660	1	4	58	2
690	1	7	55	13
720	1	10	52	24
750	1	13	49	35
780	1	16	46	46
810	1	19	43	57
840	1	22	41	8
870	1	25	38	19
900	1	28	35	30

Anni arabum expansi		3	2	1	30
1		0	5	54	11
2		0	11	49	22
3	b	0	17	43	3
4		0	23	37	14
5		0	29	32	25
6		0	35	26	6
7	b	0	41	21	17
8		0	47	15	28
9		0	53	9	9
10	b	0	59	4	20
11	b	1	4	58	1
12		1	10	52	12
13		1	16	47	23
14		1	22	41	4
15	b	1	28	35	15
16		1	34	30	26
17		1	40	24	7
18		1	46	20	18
19	b	1	52	13	29
20		1	58	7	10
21		2	4	2	21
22		2	9	56	2
23	b	2	15	49	13
24		2	21	47	24
25		2	27	39	5
26	b	2	33	34	16
27	b	2	39	28	27
28		2	45	22	38
29		2	51	17	19
30	b	2	57	11	0

Tabula annis adinveniendi omnes eras bisextiles et ad extrahendum quamlibet eram incognitam per quamlibet notam

Anni collecti quos adeo diluvium habuit et philippi patris alexandri atque persarum

Annorum expansorum tabule precedenti deserviens

Anni	4	3	2	1	Anni	4	3	2	1
40	0	4	3	20	1	0	0	6	5
60	0	6	5	0	2	0	0	12	10
80	0	8	6	40	3	0	0	18	15
100	0	10	8	20	4	0	0	24	20
200	0	20	16	0	5	0	0	30	25
300	0	30	45	40	6	0	0	36	30
400	0	40	33	20	7	0	0	42	35
500	0	50	41	0	8	0	0	48	40
600	1	0	50	40	9	0	1	54	45
700	1	10	58	20	10	0	1	0	50
800	1	21	6	0	11	0	1	6	55
900	1	31	15	20	12	0	1	13	0
1000	1	41	23	20	13	0	1	19	5
2000	3	23	46	0	14	0	1	25	10
3000	5	4	10	40	15	0	1	31	15
4000	6	47	33	20	16	0	1	37	20
5000	8	26	56	0	[illegible]	0	1	43	25
6000	10	8	20	40	[illegible]	0	1	49	30
7000	11	49	43	20	19	0	1	55	35
8000	12	31	6	0	20	0	2	1	40

Tabula extractionis annus ere eralem exercitii hic post

Anni anno(rum) collector(um) ... illustr(is)	Inic° anor(um) dier(um) Albuni p(ro) annos alphonsi					Inic° dier(um) et anor(um) nabuchodonosor p(ro) annos alphonsij regis				Inic° anor(um) philippi p(ro) annos alphonsi regis				Inicio anor(um) et dier(um) allexandri p(ro) annos alphonsi				Inic° anor(um) et dier(um) ere cesaris p(ro) annos alphonsi			
	s	g	m	2a		s	g	m	2a	s	g	m	2a	s	g	m	2a	s	g	m	2a
20 Radices	7	31	40	38	3	3	22	44	25	2	39	45	5	2	34	32	44	2	10	49	19
40	7	33	42	23	3	3	24	46	10	2	41	46	50	2	40	34	29	2	12	51	4
60	7	25	44	8	3	3	26	47	55	2	43	48	35	2	42	36	14	2	14	52	49
80	7	27	45	53	3	3	28	49	40	2	45	50	20	2	44	37	59	2	16	54	34
100	7	29	47	38	3	3	30	51	25	2	47	52	5	2	46	39	44	2	18	56	19
120	7	31	49	23	3	3	32	53	10	2	49	53	50	2	48	41	29	2	20	58	4
140	7	33	51	8	3	3	34	54	55	2	51	55	35	2	50	43	14	2	22	59	49
160	7	35	52	53	3	3	36	56	40	2	53	57	20	2	52	44	59	2	24	1	34
180	7	37	54	38	3	3	38	58	25	2	55	59	5	2	54	46	44	2	27	3	19
200	7	39	56	23	3	3	40	0	10	2	58	0	50	2	56	48	29	2	29	5	4
220	7	41	58	8	3	3	43	1	55	3	0	2	35	2	58	50	14	2	31	6	49
240	7	43	59	53	3	3	45	3	40	3	2	4	20	3	0	51	59	2	33	8	34
260	7	46	1	38	3	3	47	5	25	3	4	6	5	3	2	53	44	2	35	10	19
280	7	48	3	23	3	3	49	7	10	3	6	8	50	3	4	55	29	2	37	12	4
300	7	50	5	8	3	3	51	8	55	3	8	10	35	3	6	57	14	2	39	13	49
320	7	52	6	53	3	3	52	10	40	3	12	12	20	3	8	58	59	2	41	15	34
340	7	54	8	38	3	3	55	12	25	3	14	14	5	3	11	0	44	2	43	17	19
360	7	56	10	23	3	3	57	14	10	3	16	15	50	3	13	2	29	2	45	19	4
380	7	58	12	8	3	3	59	15	55	3	18	17	35	3	15	4	14	2	47	20	49
400	8	0	13	53	4	4	1	17	40	3	20	19	20	3	17	5	59	2	49	22	34
420	8	2	15	38	4	4	3	19	25	3	22	21	5	3	19	7	44	2	51	24	19
440	8	4	17	23	4	4	5	21	10	3	24	22	50	3	21	9	29	2	53	26	4
460	8	6	19	8	4	4	7	22	55	3	26	24	35	3	23	11	14	2	55	27	49
480	8	8	20	53	4	4	9	24	40	3	28	26	20	3	25	12	59	2	57	29	34
500	8	10	22	38	4	4	11	26	25	3	30	28	5	3	27	14	44	2	59	31	19
520	8	12	24	23	4	4	13	28	10	3	32	29	50	3	29	16	29	3	1	33	4
540	8	14	26	8	4	4	15	29	55	3	34	31	35	3	31	18	14	3	3	34	49
560	8	16	27	53	4	4	17	31	40	3	36	33	20	3	33	19	59	3	5	36	34
580	8	18	29	38	4	4	19	33	25	3	38	35	5	3	35	21	44	3	7	38	19
600	8	20	31	23	4	4	21	35	10	3	40	36	50	3	37	23	29	3	9	40	4
620	8	22	33	8	4	4	23	36	55	3	42	38	35	3	39	25	14	3	11	41	49
640	8	24	34	53	4	4	25	38	40	3	44	40	20	3	41	26	59	3	13	43	34
660	8	26	36	38	4	4	27	40	25	3	46	42	5	3	43	28	44	3	15	45	19
680	8	28	38	23	4	4	29	42	10	3	48	43	50	3	45	30	29	3	17	47	4
700	8	30	40	8	4	4	31	43	55	3	[illegible]	45	35	3	47	32	14	3	19	48	49
720	8	32	41	53	4	4	33	45	40	3	52	47	20	3	49	33	59	3	21	50	34
740	8	34	43	38	4	4	35	47	25	3	54	49	5	3	51	35	44	3	23	52	19
760	8	36	45	23	4	4	37	49	10	3	56	50	50	3	53	37	29	3	25	54	4
780	8	38	47	8	4	4	39	50	55	3	58	52	35	3	55	39	14	3	27	55	49

Tabula extractionis annis de exalta expensis si posite

Anni collectorum alphonsi regis	Inicium annorum incarnationis Christi per annos alphonsi				Inicium ere Dyocleciani per annos alphonsi				Inicium annorum ere arabum per annos alphonsi regis				Inicium annorum ere persarum per annos alphonsi regis			
	4ª	3ª	2ª	1ª	4ª	3ª	2ª	1ª	4ª	3ª	2ª	1ª	4ª	3ª	2ª	1ª
20	2	6	57	59	1	28	11	13	1	3	54	24	1	2	54	0
40	2	8	59	44	1	40	12	58	1	5	56	9	1	4	55	45
60	2	11	1	20	1	42	14	43	1	7	57	54	1	6	57	30
80	2	13	3	14	1	44	16	28	1	9	59	39	1	8	59	15
100	2	15	4	50	1	46	18	13	1	12	1	24	1	11	1	0
120	2	17	6	44	1	48	19	58	1	14	3	9	1	13	2	45
140	2	19	8	20	1	50	21	43	1	16	4	54	1	15	4	30
160	2	21	10	14	1	52	22	28	1	18	6	39	1	17	6	15
180	2	23	11	50	1	54	25	13	1	20	8	24	1	19	8	0
200	2	25	13	44	1	56	26	58	1	22	10	9	1	21	9	45
220	2	27	15	20	1	58	28	43	1	24	11	54	1	23	11	30
240	2	29	17	14	1	0	30	28	1	26	13	39	1	25	13	15
260	2	31	19	50	2	2	32	13	1	28	15	24	1	27	14	0
280	2	33	20	44	2	4	33	58	1	30	17	9	1	29	16	45
300	2	35	22	29	2	6	35	43	1	32	19	54	1	31	18	30
320	2	37	24	14	2	8	37	28	1	34	21	39	1	33	20	15
340	2	39	26	59	2	10	39	13	1	36	23	24	1	35	22	0
360	2	41	27	44	2	12	40	58	1	38	25	9	1	37	23	45
380	2	43	29	29	2	14	42	43	1	40	27	54	1	39	25	30
400	2	45	31	14	2	16	44	28	2	42	28	39	1	41	27	15
420	2	47	33	50	2	18	46	13	2	44	30	24	1	43	29	0
440	2	49	34	44	2	20	47	58	2	46	32	9	1	45	30	45
460	2	51	36	29	2	22	49	43	2	48	33	54	1	47	32	30
480	2	53	38	14	2	24	51	28	2	50	35	39	1	49	34	15
500	2	55	39	50	2	26	53	13	2	52	37	24	1	51	36	0
520	2	57	41	44	2	28	54	58	2	54	39	9	1	53	37	45
540	2	59	43	29	2	30	56	43	2	56	40	54	1	55	39	30
560	3	1	45	14	2	32	58	28	2	58	42	39	1	57	41	15
580	3	2	46	59	2	34	0	13	2	0	43	24	1	59	43	0
600	3	5	48	44	2	37	1	58	2	2	46	9	2	1	44	45
620	3	7	50	29	2	39	3	43	2	4	47	54	2	3	46	30
640	3	9	52	14	2	41	5	28	2	6	49	39	2	5	48	15
660	3	11	53	59	2	43	7	13	2	8	51	24	2	7	50	0
680	3	13	55	44	2	45	8	58	2	10	53	9	2	9	51	45
700	3	15	57	29	2	47	10	43	2	12	55	54	2	11	53	30
720	3	17	59	14	2	49	12	28	2	14	56	39	2	13	55	15
740	3	20	0	50	2	51	14	13	2	16	58	24	2	15	57	0
760	3	22	2	44	2	53	15	58	2	19	0	9	2	17	58	45
780	3	24	4	29	2	55	17	43	2	21	1	54	2	20	0	30

Tabula extractionis minutorum de exaltata in annis expansis

Anni		4ª	3ª	2ª	1ª
1		0	0	6	5
2		0	0	12	10
3		0	0	18	15
4	B	0	0	24	21
5		0	0	30	26
6		0	0	36	31
7		0	0	42	36
8	B	0	0	48	42
9		0	0	54	47
10		0	1	0	52
11		0	1	6	57
12	B	0	1	13	3
13		0	1	19	8
14		0	1	25	13
15		0	1	31	18
16	B	0	1	37	24
17		0	1	43	29
18		0	1	49	34
19		0	1	55	39
20	B	0	2	1	44
		4ª	3ª	2ª	1ª

Tabula notarum anni vel mensis et diei cuiuscumque illorum volueris										Tabula quantitatis horarum minutorum et dierum				Tabula ad sciendum horas et minuta sive puncta dierum sanctificatorum						Tabula ad sciendum minuta dierum et sanctorum sanctorum punctorum spacii							
	1	2	3	4		1	2	3	4	hore	dies	m	2	m	ho	m	m	ho	m	ho	m	2	3	ho	m	2	3
1	1	4	2	1	31	3	5	5	3	1	0	2	30	1	0	24	31	12	24	1	0	2	30	31	1	17	30
2	2	1	4	2	32	4	2	7	4	2	0	5	0	2	0	48	32	12	48	2	0	5	0	32	1	20	0
3	3	5	6	3	33	5	6	2	5	3	0	7	30	3	1	12	33	13	12	3	0	7	30	33	1	22	30
4	4	2	7	4	34	6	3	4	6	4	0	10	0	4	1	36	34	13	36	4	0	10	0	34	1	25	0
5	5	6	2	5	35	7	7	6	7	5	0	12	30	5	2	0	35	14	0	5	0	12	30	35	1	27	30
6	6	3	4	6	36	1	4	1	1	6	0	15	0	6	2	24	36	14	24	6	0	15	0	36	1	30	0
7	7	7	6	7	37	2	1	3	2	7	0	17	30	7	2	48	37	14	48	7	0	17	30	37	1	32	30
8	1	4	1	1	38	3	5	5	3	8	0	20	0	8	3	12	38	15	12	8	0	20	0	38	1	35	0
9	2	1	3	2	39	4	2	7	4	9	0	22	30	9	3	36	39	15	36	9	0	22	30	39	1	37	30
10	3	5	5	3	40	5	6	2	5	10	0	25	0	10	4	0	41	16	0	10	0	25	0	40	1	40	0
11	4	2	7	4	41	6	3	4	6	11	0	27	30	11	4	24	42	16	24	11	0	27	30	41	1	42	30
12	5	6	2	5	42	7	7	6	7	12	0	30	0	12	4	48	43	16	48	12	0	30	0	42	1	45	0
13	6	3	4	6	43	1	4	1	1	13	0	32	30	13	5	12	44	17	12	13	0	32	30	43	1	47	30
14	7	7	6	7	44	2	1	3	2	14	0	35	0	14	5	36	45	17	36	14	0	35	0	44	1	50	0
15	1	4	1	1	45	3	5	5	3	15	0	37	30	15	6	0	46	18	0	15	0	37	30	45	1	52	30
16	2	1	3	2	46	4	2	7	4	16	0	40	0	16	6	24	47	18	24	16	0	40	0	46	1	55	0
17	3	5	5	3	47	5	6	2	5	17	0	42	30	17	6	48	48	18	48	17	0	42	30	47	1	57	30
18	4	2	7	4	48	6	3	4	6	18	0	45	0	18	7	12	49	19	12	18	0	45	0	48	2	0	0
19	5	6	2	~~5~~	49	7	7	6	7	19	0	47	30	19	7	36	50	19	36	19	0	47	30	49	2	2	30
20	6	3	4	[illegible]	50	1	4	1	1	20	0	50	0	20	8	0	51	20	0	20	0	50	0	50	2	5	0
21	7	7	6	[illegible]	51	2	1	3	2	21	0	52	30	21	8	24	52	20	24	21	0	52	30	51	2	7	30
22	1	4	1	[illegible]	52	3	5	5	3	22	0	55	0	22	8	48	53	20	48	22	0	55	0	52	2	10	0
23	2	1	3	[illegible]	53	4	2	7	4	23	0	57	30	23	9	12	54	21	12	23	0	57	30	53	2	12	30
24	3	5	5	[illegible]	54	5	6	2	5	24	1	0	0	24	9	36	55	21	36	24	1	0	0	54	2	15	0
25	4	2	7	[illegible]	55	6	3	4	6					25	10	0	56	22	0	25	1	2	30	55	2	17	30
26	5	6	3	[illegible]	56	7	7	6	7					26	10	24	57	22	24	26	1	5	0	56	2	20	0
27	6	3	4	6	57	1	4	1	1					27	10	48	58	22	48	27	1	7	30	57	2	22	30
28	7	7	6	7	58	2	1	3	2					28	11	12	58	23	12	28	1	10	0	58	2	25	0
29	2	4	1	[illegible]	59	3	5	5	3					29	11	26	59	23	26	29	1	12	30	59	2	27	30
30	2	1	3	2	60	4	2	1	4					30	12	0	60	24	0	30	1	15	0	60	2	30	0
														2	m	2	2	m	2	2	2	3	4	2	2	3	4
														3	2	3	3	2	3	3	3	4	5	3	3	4	4

[illegible]

Tabula radicum octave spere ad eras hic positas

	S	G	M	2a
Radix diluvii	3	19	41	0
Eius motus est	0	2	57	12
Radix nabugodonosor	5	20	48	0
Eius motus est	0	5	40	27
Radix philippi	5	42	35	21
Eius motus est	0	5	40	27
Radix alexandri	5	43	12	7
Eius motus est	0	2	35	30
Radix Cesaris	5	57	15	8
Eius motus est	0	0	25	45
Radix incarnationis	5	59	12	34
Eius motus est	0	0	7	25
Radix alhigere	5	31	10	26
Eius motus est	0	4	28	42
Radix iesdager	5	31	41	3
Eius motus est	0	4	42	45
Radix alphonsi	1	3	34	4
Eius motus est	0	8	4	1

Tabula radicum augium solis ad eras hic positas

	S	G	M	2a
Radix diluvii	0	48	37	0
Radix nabugodonosor	1	5	56	1
Radix alexandri magni	1	9	8	4
Radix Cesaris	1	11	8	16
Radix incarnationis	1	11	25	23
Radix alhigera	1	15	59	18
Radix yesdagerd	1	16	3	43
Radix alfonsii	1	20	26	0

Tabula radicis medii motus lune ad eras hic positas

	S	G	M	2a	3a	4a
Radix diluvii	4	47	49	43	52	43
Radix nabugodonosor	0	26	44	43	14	51
Radix alexandri magni	2	4	21	1	10	38
Radix Cesaris	1	54	25	20	23	57
Radix incarnationis	2	2	46	50	16	40
Radix alhigere	2	2	1	16	23	50
Radix yesdagerd	5	53	16	32	5	2
Radix alfonsii	5	36	7	21	1	50

Tabula radicum medii motus solis ad eras hic positas

	S	G	M	2a	3a	4a	5a
Radix diluvii	5	1	23	32	58	49	
Radix nabugodonosor	5	27	48	42	21	7	49
Radix philippi	3	46	26	54	3	17	4
Radix alexandri magni	3	5	8	21	42	23	32
Radix Cesaris	4	37	34	41	16	59	50
Radix incarnationis	4	38	21	0	30	28	54
Radix alhigera	1	54	52	2	0	50	37
Radix yesdagerd	1	26	50	59	11	0	15
Radix alphonsii	1	16	37	12	38	42	42

Tabula radicum augium medii motus lune ad eras hic positas

	S	G	M	2a	3a
Radix diluvii	3	42	45	45	45
Radix nabugodonosor	4	13	3	0	0
Radix alexandri magni	4	25	47	30	18
Radix Cesaris	4	56	57	51	30
Radix incarnationis	3	19	0	14	31
Radix alhigere	1	45	21	27	42
Radix yesdagerd	4	45	2	33	4
Radix alfonsii	4	10	51	40	9

Tabula radicis medie elongationis solis et lune ad eras hic positas

	S	G	M	2a	3a	4a
Radix incarnationis	3	24	25	49	46	11
Radix alfonsii regis	4	19	28	8	23	8

Tabula radicum capitis draconis ad eras hic positas

	S.	G.	M.	2	3
R. diluvii	3	36	55	21	17
R. nabugodonosor	0	46	44	19	5
R. alexandri magni	3	11	49	33	21
R. Cesaris	1	11	55	34	5
R. Incarnationis	1	31	55	52	41
R. arabum	3	53	20	37	51
R. yesdagerd	1	5	14	58	20
R. alfonsi	2	56	12	46	11

Radices m. [illegible] ad eras hic positas

	S.	G.	M.	2	3
R. diluvii	0	42	18	39	31
R. nabugodonosor	1	12	30	16	57
R. alexandri magni	4	0	46	31	19
R. Cesaris	3	32	0	44	6
R. Incarnationis	2	9	22	2	56
R. arabum	2	1	56	24	13
R. yesdagerd	0	47	41	17	16
R. alfonsi	0	41	41	55	9

Radices medii motus saturni ad eras hic positas

	S.	G.	M.	2	3
R. diluvii	4	43	39	41	43
R. nabugodonosor	4	56	38	55	54
R. alexandri magni	3	46	0	55	12
R. Cesaris	5	29	9	14	54
R. Incarnationis	1	14	5	20	12
R. arabum	1	58	21	0	3
R. yesdagerd	3	59	44	31	59
R. alfonsi	3	24	44	33	26

Radices argumenti [illegible] ad eras hic positas

	S.	G.	M.	2	3
R. diluvii	5	58	59	31	14
R. nabugodonosor	0	20	29	14	50
R. alexandri magni	0	19	56	26	54
R. Cesaris	2	4	22	14	6
R. Incarnationis	0	41	43	54	0
R. arabum	1	13	28	14	31
R. yesdagerd	2	42	7	36	17
R. alfonsi	3	33	48	38	56

incarnationis domini nostri ihesu

Tabula radicum medii motus Jovis ad eras hic positas

	S.	G.	M.	2	3
R. diluvii	5	21	2	3	59
R. nabugodonosor	3	4	52	54	59
R. alexandri magni	1	30	19	7	57
R. Cesaris	1	46	49	6	9
R. Incarnationis	3	0	37	20	44
R. arabum	5	31	43	9	53
R. yesdagerd	4	32	58	19	10
R. alfonsi	0	16	16	55	14

Radices medii motus martis ad eras hic positas

	S.	G.	M.	2	3
R. diluvii	4	53	48	20	22
R. nabugodonosor	0	3	2	12	0
R. alexandri magni	3	42	41	53	35
R. Cesaris	5	27	21	44	31
R. Incarnationis	0	41	25	59	43
R. arabum	3	32	43	3	32
R. yesdagerd	5	11	55	33	5
R. alfonsi	3	1	51	36	19

Sequuntur radices super [illegible] ad eras

	S.	G.	M.	2	3
R. accessionis et recessionis 8ᵉ sphere	5	59	12	33	58
R. medii motus solis	4	38	17	58	9
R. medii motus lune	2	2	6	12	38
R. argumenti lune	3	18	19	57	29
R. capitis draconis	1	31	55	42	53
R. elongationis lune a sole	3	23	48	16	28
R. argumenti latitudinis lune	3	33	47	55	14
R. medii motus saturni	1	14	5	14	0
R. medii motus Jovis	3	6	37	5	22
R. medii motus martis	0	41	23	52	46
R. argumenti veneris	2	9	20	8	54
R. argumenti mercurii	0	41	1	19	0

Radices augium [illegible] sine motu octave spere

Radices	s	g	m	2	3
Radix diluvii	3	30	36	20	41
Radix nabuchodonosor	3	47	14	28	41
Radix alexandri magni	3	51	6	29	45
Radix cesaris	3	53	6	56	47
Radix incarnationis	3	53	3	42	4
Radix arabum	3	57	7	40	58
Radix yesdaiert	3	58	2	3	24
Radix alfonsi	4	2	35	20	41

Radices augium [illegible] sine motu octave spere

Radices	s	g	m	2	3
Radix diluvii	2	10	38	41	49
Radix nabuchodonosor	2	28	40	41	11
Radix alexandri magni	2	13	41	41	19
Radix cesaris	2	33	1	57	20
Radix incarnationis	2	33	0	4	30
Radix arabum	2	38	58	58	20
Radix yesdaiert	2	38	20	24	10
Radix alfonsi	2	42	38	41	17

Radices augium [illegible] octave spere

Radices	s	g	m	2	3
Radix diluvii	1	42	24	51	41
Radix nabuchodonosor	1	49	42	59	41
Radix alexandri magni	1	52	57	0	41
Radix cesaris	1	54	57	25	47
Radix incarnationis	1	57	12	13	14
Radix arabum	1	59	46	11	58
Radix yesdaiert	1	59	50	34	24
Radix alfonsi	2	4	23	51	41

Radices augium [illegible] sine motu octave spere

Radices	s	g	m	2	3
Radix diluvii	3	47	52	11	41
Radix nabuchodonosor	3	5	10	19	41
Radix alexandri magni	3	8	22	20	45
Radix cesaris	3	10	22	47	57
Radix incarnationis	3	10	39	33	4
Radix arabum	3	17	13	31	58
Radix yesdaiert	3	17	17	54	34
Radix alfonsi	3	59	51	11	4

Radices argumenti latitudinis lune

Radices	s	g	m	2	3	4
Radix diluvii	2	24	31	[illegible]	49	28
Radix nabuchodonosor	1	13	17	42	0	42
Radix alexandri magni	5	17	7	34	1	12
Radix cesaris	3	11	6	54	9	18
Radix incarnationis	3	34	28	58	38	29
Radix arabum	5	55	7	51	55	18
Radix yesdaiert	0	58	19	30	16	10
Radix alfonsi	2	32	4	7	3	0

Tabula radicum [illegible] anni in era hic positas

Radices	ferie
Radix diluvii	5
Radix nabuchodonosor	4
Radix alexandri magni	2
Radix cesaris	1
Radix incarnationis	7
Radix arabum	5
Radix dyocletiani	6
Radix persarum	3
Radix alfonsi	7
Radix mortis [illegible]	7

Tabula coniunctionis mensium

numerus mensium	dies	hore	m	2	3	4	5
1	28	2	17	38	9	11	51
2	56	4	37	16	42	23	23
3	84	6	52	54	27	35	33
4	150	9	10	52	36	47	24
5	140	11	28	10	45	59	17
6	168	13	[illegible]	48	55	11	16
7	196	16	[illegible]	27	4	22	57
8	224	18	[illegible]	5	13	34	4
9	252	20	38	43	22	46	39
10	280	22	56	21	31	58	30
11	309	1	16	59	41	10	21
12	337	3	31	27	50	20	12
13	364	5	49	17	59	34	3

Annis annorum expansorum et collectorum

Tabula motus accessionum

Anni	g	m	2a
1	87	19	6
2	174	36	12
3	281	55	18
4	349	14	24
5	76	33	30
6	163	52	36
7	251	11	42
8	338	30	48
9	65	49	54
10	153	9	0
11	240	28	6
12	327	47	12
13	55	6	18
14	142	25	24
15	229	44	30
16	317	3	36
17	43	22	42
18	131	41	48
19	219	0	54
20	306	20	0
40	252	39	6
60	199	58	12
80	145	17	18
100	91	30	24
200	189	55	30
300	177	14	36
400	7	33	43
500	99	52	48
600	191	11	54
700	282	31	0
800	14	50	6

Tabula annorum in mensibus in horis

Anni	ho	m	2a
1	5	49	16
2	11	38	31
3	17	27	47
4	23	17	43
5	5	6	39
6	10	55	34
7	16	44	50
8	22	34	6
9	4	23	22
10	10	12	37
11	16	1	53
12	21	51	9
13	3	40	24
14	9	29	49
15	15	19	56
16	21	8	12
17	2	57	27
18	8	46	43
19	14	36	49
20	20	25	15
40	16	50	29
60	13	16	42
80	9	41	58
100	6	6	13
200	12	13	26
300	18	20	29
400	0	26	51
500	6	33	4
600	12	40	17
700	18	46	30
800	0	53	43

Tabula equationis motus accessus et recessus octave spere seu capitis arietis

Numerus graduum	Equatio g	m	2a	Numerus graduum	Equatio g	m	2a	Numerus graduum	Equatio g	m	2a
1	0	9	27	31	4	37	17	61	7	52	49
2	0	18	49	32	4	47	18	62	7	57	19
3	0	24	11	33	4	53	14	63	8	0	4
4	0	37	32	34	5	1	5	64	8	4	56
5	0	46	52	35	5	8	51	65	8	9	2
6	0	56	12	36	5	16	30	66	8	12	58
7	1	5	31	37	5	24	4	67	8	16	47
8	1	14	28	38	5	31	33	68	8	20	23
9	1	24	4	39	5	38	57	69	8	23	52
10	1	33	20	40	5	46	16	70	8	27	11
11	1	42	34	41	5	53	26	71	8	30	23
12	1	51	46	42	6	0	29	72	8	33	24
13	2	0	57	43	6	7	26	73	8	36	51
14	2	10	6	44	6	14	17	74	8	38	26
15	2	19	13	45	6	21	[illegible]	75	8	41	28
16	2	28	17	46	6	27	2	76	8	43	50
17	2	37	16	47	6	34	40	77	8	46	2
18	2	46	11	48	6	48	10	78	8	48	5
19	2	55	2	49	6	46	33	79	8	49	59
20	3	3	49	50	6	53	49	80	8	51	44
21	3	12	47	51	6	59	18	81	8	53	19
22	3	21	36	52	7	4	0	82	8	54	41
23	3	30	2	53	7	10	53	83	8	55	55
24	3	38	57	54	7	16	38	84	8	57	0
25	3	46	27	55	7	21	17	85	8	57	55
26	3	55	46	56	7	27	44	86	8	58	40
27	4	4	17	57	7	32	7	87	8	59	14
28	4	12	38	58	7	37	21	88	8	59	40
29	4	20	55	59	7	42	27	89	8	59	55
30	4	29	10	60	7	47	32	90	9	0	0

Nota quod [illegible] motu capitis [illegible] 15 gradibus in [illegible] ... 30 ... 28 ... 15 ... 360 gradus [illegible] 30 [illegible] ... gradu

[illegible] 12 ... 24 ... in [illegible]

Tabula continens motum accessus et recessus octave spere

Anni	p	2	3	4				
1	0	0	0	0	30	24	49	0
2	0	0	0	1	0	49	38	0
3	0	0	0	1	31	14	27	0
4	0	0	0	2	1	39	16	0
5	0	0	0	2	32	4	5	0
6	0	0	0	3	2	28	54	0
7	0	0	0	3	32	53	43	0
8	0	0	0	4	3	18	32	0
9	0	0	0	4	33	43	21	0
10	0	0	0	5	4	8	10	0
11	0	0	0	5	34	32	59	0
12	0	0	0	6	4	57	48	0
13	0	0	0	6	35	22	37	0
14	0	0	0	7	5	47	26	0
15	0	0	0	7	36	12	15	0
16	0	0	0	8	6	37	4	0
17	0	0	0	8	37	1	53	0
18	0	0	0	9	7	26	42	0
19	0	0	0	9	37	51	31	0
20	0	0	0	10	8	16	20	0
21	0	0	0	10	38	41	9	0
22	0	0	0	11	9	5	58	0
23	0	0	0	11	39	30	47	0
24	0	0	0	12	9	55	36	0
25	0	0	0	12	40	20	25	0
26	0	0	0	13	10	45	14	0
27	0	0	0	13	41	10	3	0
28	0	0	0	14	11	34	52	0
29	0	0	0	14	41	59	41	0
30	0	0	0	15	12	24	30	0

m	s	m	2	3
2	m	2	3	
3	2	3		
4	3			

Anni	p	2	3	4				
31	0	0	0	15	42	49	19	0
32	0	0	0	16	13	38	38	0
33	0	0	0	16	43	38	57	0
34	0	0	0	17	14	3	46	0
35	0	0	0	17	44	28	35	0
36	0	0	0	18	14	53	24	0
37	0	0	0	18	45	18	13	0
38	0	0	0	19	15	43	2	0
39	0	0	0	19	46	7	51	0
40	0	0	0	20	16	32	40	0
41	0	0	0	20	46	57	29	0
42	0	0	0	21	17	22	18	0
43	0	0	0	21	47	47	7	0
44	0	0	0	22	18	11	56	0
45	0	0	0	22	48	36	45	0
46	0	0	0	23	19	1	34	0
47	0	0	0	23	49	26	23	0
48	0	0	0	24	19	51	12	0
49	0	0	0	24	50	16	1	0
50	0	0	0	25	20	40	50	0
51	0	0	0	25	51	5	39	0
52	0	0	0	26	21	30	20	0
53	0	0	0	26	51	55	17	0
54	0	0	0	27	22	20	6	0
55	0	0	0	27	52	44	55	0
56	0	0	0	28	23	9	44	0
57	0	0	0	28	53	34	33	0
58	0	0	0	29	23	59	22	0
59	0	0	0	29	54	24	11	0
60	0	0	0	30	24	49	0	0

m	s	m	2	3
2	m	2	3	
3	2	3		
4	3			

Radices

Oxoniensis	5	59	12	33	49
Pragensis	5	59	12	33	48
Wyenensis	5	59	12	33	46
Ruyonensis	5	59	12	11	18
Januensis	5	59	12	33	78

Tabula continens motum augmenti et spere stellarum fixarum

Linea numeri	1ª	2ª	3ª	4ª							
1	0	0	0	0	4	20	41	17	12	26	30
2	0	0	0	0	8	41	22	34	24	53	0
3	0	0	0	0	13	2	3	51	37	19	30
4	0	0	0	0	17	22	45	8	49	46	0
5	0	0	0	0	21	43	26	26	2	12	30
6	0	0	0	0	26	4	7	43	14	40	0
7	0	0	0	0	30	24	49	11	37	5	30
8	0	0	0	0	34	44	30	17	37	33	0
9	0	0	0	0	39	6	11	34	51	56	30
10	0	0	0	0	43	26	52	52	4	26	0
11	0	0	0	0	47	47	34	9	16	52	30
12	0	0	0	0	52	8	15	26	29	19	0
13	0	0	0	0	56	28	56	43	41	45	30
14	0	0	0	1	0	49	38	0	54	13	0
15	0	0	0	1	5	10	19	18	6	38	30
16	0	0	0	1	9	31	0	35	19	6	0
17	0	0	0	1	13	51	41	52	31	31	30
18	0	0	0	1	18	12	23	9	43	59	0
19	0	0	0	1	22	33	4	26	56	27	30
20	0	0	0	1	26	53	45	44	8	52	0
21	0	0	0	1	31	14	27	1	21	18	30
22	0	0	0	1	35	35	8	8	33	45	0
23	0	0	0	1	39	55	49	35	46	51	30
24	0	0	0	1	44	16	30	52	58	39	0
25	0	0	0	1	48	37	12	10	11	5	30
26	0	0	0	1	52	57	53	27	23	32	0
27	0	0	0	1	57	18	34	44	35	58	30
28	0	0	0	2	1	39	16	1	44	24	0
29	0	0	0	2	5	59	57	19	0	51	30
30	0	0	0	2	10	20	38	36	13	18	0

Linea numeri	1ª	2ª	3ª	4ª							
31	0	0	0	2	14	41	19	52	25	41	30
32	0	0	0	2	19	2	3	10	38	12	0
33	0	0	0	2	23	22	42	27	50	38	30
34	0	0	0	2	27	43	23	45	3	5	0
35	0	0	0	2	32	4	5	2	15	31	30
36	0	0	0	2	36	24	46	19	27	58	0
37	0	0	0	2	40	45	27	36	40	24	30
38	0	0	0	2	45	6	8	53	52	51	0
39	0	0	0	2	49	26	50	11	5	18	30
40	0	0	0	2	53	47	31	28	17	40	0
41	0	0	0	2	58	8	12	45	30	11	30
42	0	0	0	3	2	28	54	2	42	38	0
43	0	0	0	3	6	49	35	19	55	4	30
44	0	0	0	3	11	10	16	37	7	31	0
45	0	0	0	3	15	30	57	54	19	58	30
46	0	0	0	3	19	51	39	11	32	24	0
47	0	0	0	3	24	12	20	28	44	51	30
48	0	0	0	3	28	33	1	45	57	17	0
49	0	0	0	3	32	53	43	3	9	44	30
50	0	0	0	3	37	13	24	20	22	11	0
51	0	0	0	3	41	35	5	37	34	37	30
52	0	0	0	3	45	55	46	54	47	4	0
53	0	0	0	3	50	16	28	11	59	30	30
54	0	0	0	3	54	37	9	29	11	57	0
55	0	0	0	3	58	57	50	46	24	24	30
56	0	0	0	4	3	18	32	3	36	50	0
57	0	0	0	4	7	39	13	20	49	17	30
58	0	0	0	4	11	59	54	38	1	44	0
59	0	0	0	4	16	20	35	55	14	11	30
60	0	0	0	4	20	41	17	12	26	30	0

[illegible]

Tabula continens medium motum solis

		s	m	2	3	4
Ro parisiensis	4	38	19	2	13	49
Ro magdeburgensis	4	38	18	32	29	
Ro pragensis	4	38	17	58	0	
Erfordiensis	4	38	18	22	49	59
Viennensis	4	38	17	43	9	
[illegible]	4	38	7	[illegible]	58	
[illegible]	4	38	17	22 39 55 54	27 36 37	

Dies	ꝑ	2	3	4				
1	0	0	59	8	19	37	19	13 56
2	0	1	58	16	39	14	38	27 52
3	0	2	57	24	58	51	57	41 48
4	0	3	56	33	18	29	16	55 44
5	0	4	55	41	38	6	36	9 40
6	0	5	54	49	57	43	55	23 36
7	0	6	53	58	17	21	14	37 32
8	0	7	53	6	36	58	33	51 28
9	0	8	52	14	56	35	53	5 24
10	0	9	51	23	16	13	12	19 20
11	0	10	50	31	35	50	31	33 16
12	0	11	49	39	55	27	50	47 12
13	0	12	48	48	15	5	10	1 8
14	0	13	47	56	34	42	29	15 4
15	0	14	47	4	54	19	48	29 0
16	0	15	46	13	13	57	7	42 56
17	0	16	45	21	33	34	26	56 52
18	0	17	44	29	53	11	46	10 48
19	0	18	43	38	12	49	5	24 44
20	0	19	42	46	32	26	24	38 40
21	0	20	41	54	52	3	43	52 36
22	0	21	41	3	11	41	3	6 32
23	0	22	40	11	31	18	22	20 28
24	0	23	39	19	50	55	41	34 24
25	0	24	38	28	10	33	0	48 20
26	0	25	37	36	30	10	20	2 16
27	0	26	36	44	49	47	39	16 12
28	0	27	35	53	9	24	58	30 8
29	0	28	35	1	29	2	17	44 4
30	0	29	34	9	48	39	36	56 0
31	0	30	33	18	8	16	56	11 56
32	0	31	32	26	27	54	15	25 52
33	0	32	31	34	47	31	34	39 48
34	0	34	30	43	7	8	53	59 44
35	0	35	29	51	26	46	13	7 40
36	0	36	28	53	40	23	32	21 36
37	0	37	28	8	6	0	51	35 32
38	0	38	27	16	27	48	10	49 28
39	0	39	26	24	47	17	30	3 24
40	0	40	27	33	4	52	49	17 20
41	0	41	24	41	24	30	8	31 16
42	0	42	23	49	44	7	27	45 12
43	0	43	22	58	3	44	46	59 8
44	0	44	22	6	23	22	6	13 4
45	0	45	21	14	42	59	25	27 0
46	0	46	20	23	2	36	44	40 56
47	0	47	19	31	22	14	3	54 52
48	0	48	18	39	41	51	23	8 48
49	0	49	17	48	1	28	42	22 44
50	0	50	16	56	21	6	1	36 40
51	0	51	16	4	40	43	20	50 36
52	0	52	15	13	0	20	40	4 32
53	0	53	14	21	19	57	59	18 28
54	0	54	13	29	39	37	18	32 24
55	0	55	12	37	59	12	37	46 20
56	0	56	11	46	18	49	57	0 16
57	0	57	10	54	38	27	16	14 12
58	0	58	10	2	58	4	35	28 8
59	0	59	9	11	17	41	54	42 4
60	0	[illegible]	8	19	37	19	13	56 0

di ſ iii 2 3
2 iii 2 3
3 2 3
4 3

m ſ iii 2 3
2 iii 2 3
3 2 3
4 3

1 28 22

Tabula coniunctionis medium motuum lune

Lunaciones	p	2	3	4					
1	0	13	10	35	1	15	11	4	35
2	0	26	21	10	2	30	22	9	10
3	0	39	31	45	3	45	33	13	45
4	0	52	42	20	5	0	44	18	20
5	1	5	52	55	6	15	55	22	55
6	1	19	3	30	7	31	6	27	30
7	1	32	14	5	8	46	17	32	5
8	1	45	24	40	10	1	28	36	40
9	1	58	35	15	11	16	39	41	15
10	2	11	45	50	12	31	50	45	50
11	2	24	56	25	13	47	1	50	25
12	2	38	7	0	15	2	12	55	0
13	2	51	17	35	16	17	23	59	35
14	3	4	28	10	17	32	35	4	10
15	3	17	38	45	18	47	46	8	45
16	3	30	49	20	20	2	57	13	20
17	3	43	59	55	21	18	8	17	55
18	3	57	10	30	22	33	19	22	30
19	4	10	21	5	23	48	30	27	5
20	4	23	31	40	25	3	41	31	40
21	4	36	42	15	26	18	52	36	15
22	4	49	52	50	27	34	3	40	50
23	5	3	3	25	28	49	14	45	25
24	5	16	14	0	30	4	25	50	0
25	5	29	24	35	31	19	36	54	35
26	5	42	35	10	32	34	47	59	10
27	5	55	45	45	33	49	59	3	45
28	6	8	56	20	35	5	10	8	20
29	6	22	6	55	36	20	21	12	55
30	6	35	17	30	37	35	32	17	30
31	6	48	28	5	38	50	43	22	5
32	7	1	38	40	40	5	54	26	40
33	7	14	49	15	41	21	5	31	15
34	7	27	59	50	42	36	16	35	50
35	7	41	10	25	43	51	27	40	25
36	7	54	21	0	45	6	38	45	0
37	8	7	31	35	46	21	49	49	35
38	8	20	42	10	47	37	0	54	10
39	8	33	52	45	48	52	11	58	45
40	8	47	3	20	50	7	23	3	20
41	9	0	13	55	51	22	34	7	55
42	9	13	24	30	52	37	45	12	30
43	9	26	35	5	53	52	56	17	5
44	9	39	45	40	54	8	7	21	40
45	9	52	56	15	55	23	18	26	15
46	10	6	6	50	56	38	29	30	50
47	10	19	17	25	57	53	40	35	25
48	10	32	28	1	0	8	51	40	0
49	10	45	38	36	1	24	2	44	35
50	10	58	49	11	2	39	13	49	10
51	11	11	59	46	3	54	24	53	45
52	11	25	10	21	5	9	35	58	20
53	11	38	20	56	6	24	47	2	55
54	11	51	31	31	7	39	58	7	30
55	12	4	42	6	8	55	9	12	5
56	12	17	52	41	10	10	20	16	40
57	12	31	3	16	11	25	31	21	15
58	12	44	13	51	12	40	42	25	50
59	12	57	24	26	13	55	53	30	25
60	13	10	35	1	15	11	4	35	0

m	s	m	2	3
2	m	2	3	
3	2	3		
4	3			

	d	h	m	2	3	4	5
Rx pro Parisien	2	2	20	39	6	18	0
Ad mediolanum	2	2	13	43	49	8	0
Ad pragam	2	2	6	12	38	42	
Viennensis	2	2	2	54			
Erfordien	2	2	11	42	5	0	
Wormaciam	2	2	13	19	4	2	
Wratislaviam	2	1	48	31	28	17	
Lincolnien	2	1	49	31	28	16	4
			24	10	36		

Tabula gener' motus argumenti medij lune

Dies	p	2	3	4					
1	0	13	3	53	57	30	21	4	13
2	0	26	7	47	55	0	42	8	26
3	0	39	11	41	52	31	3	12	39
4	0	52	15	35	50	1	24	16	52
5	1	5	19	29	47	31	45	21	5
6	1	18	23	23	45	2	6	25	18
7	1	31	27	17	42	32	27	29	31
8	1	44	31	11	40	2	48	33	44
9	1	57	35	5	37	33	9	37	57
10	2	10	38	59	35	3	30	42	10
11	2	23	42	53	32	33	51	46	23
12	2	36	46	47	30	4	12	50	36
13	2	49	50	41	27	34	33	54	49
14	3	2	54	35	25	4	54	59	2
15	3	15	58	29	22	35	16	3	15
16	3	29	2	23	20	5	37	7	28
17	3	42	6	17	17	35	58	11	41
18	3	55	10	11	15	6	19	15	54
19	4	8	14	5	12	36	40	20	7
20	4	21	17	59	10	7	1	24	22
21	4	34	21	53	7	37	22	28	33
22	4	47	25	47	5	7	43	32	46
23	5	0	29	41	2	38	4	36	59
24	5	13	33	35	0	8	25	41	12
25	5	26	37	28	57	38	46	45	25
26	5	39	41	22	55	9	7	49	38
27	5	52	45	16	52	39	28	53	51
28	6	5	49	10	50	9	49	58	4
29	6	18	53	4	47	40	11	2	17
30	6	31	56	58	41	20	32	6	30

Dies	p	2	3	4					
31	6	45	0	52	42	40	53	10	43
32	6	58	4	46	40	11	16	16	56
33	7	11	8	40	37	41	37	19	9
34	7	24	12	34	35	11	56	23	22
35	7	37	16	28	32	42	17	27	35
36	7	50	20	22	30	12	38	31	48
37	8	3	24	16	27	42	59	36	1
38	8	16	28	10	25	13	29	40	16
39	8	29	32	4	22	43	41	44	27
40	8	42	35	58	20	16	2	48	40
41	8	55	39	52	17	44	23	52	53
42	9	8	43	46	15	16	44	50	6
43	9	21	47	40	12	45	6	1	19
44	9	34	51	34	10	15	27	5	32
45	9	47	55	28	7	45	48	9	45
46	10	0	59	22	5	16	9	13	58
47	10	14	3	16	2	46	30	18	11
48	10	27	7	10	0	16	51	22	24
49	10	40	11	3	57	47	12	26	37
50	10	53	14	57	55	17	33	30	50
51	11	6	18	51	52	47	54	35	3
52	11	19	22	45	50	18	15	39	16
53	11	32	26	39	47	48	36	43	29
54	11	45	30	33	45	18	57	47	42
55	11	58	34	27	42	49	18	51	55
56	12	11	38	21	40	19	39	56	8
57	12	24	42	15	37	50	10	0	21
58	12	37	46	9	35	20	32	4	34
59	12	50	50	3	32	50	42	8	47
60	13	3	53	57	30	21	4	13	0

m̃ g̃ m̃ 2 3
2 m̃ 2 3
3 2 3
4 3

	s	g	m	2	3	4
Rª pysicij [?]	3	18	34	6	43	44
Rª megebz [?]	3	18	27	34	46	0
Rª pinugi [?]	3	18	19	57	29	
Wilanij [?]	3	18	16	41		
Gerardiens [?]	3	18	25	24	8	
wormacie	3	18	37	25	7	
Claromonsis [?]	3	18	13	20	13	16 9

Tabula continens motum argumenti latitudinis lune

linea minu(torum)	p	2	3	4					
1	0	13	13	45	39	22	25	53	45
2	0	26	27	31	18	44	51	47	30
3	0	29	41	16	58	7	17	41	15
4	0	52	55	2	37	29	43	35	0
5	1	6	8	48	17	52	9	28	45
6	1	19	22	33	56	14	35	22	30
7	1	[illegible]	32	36	19	35	37	1	16 15
8	1	45	50	5	14	59	27	10	0
9	1	59	3	50	54	21	53	3	45
10	2	12	17	36	33	44	18	57	30
11	2	25	31	22	13	6	44	51	15
12	2	38	45	7	52	29	10	45	0
13	2	51	58	53	31	51	36	38	45
14	3	5	12	39	11	14	2	32	30
15	3	18	26	24	50	36	28	26	15
16	3	31	40	10	29	58	54	20	0
17	3	44	53	56	9	21	20	13	45
18	3	58	7	41	48	43	46	7	30
19	4	11	21	27	28	6	12	1	15
20	4	24	35	13	7	28	37	55	0
21	4	37	48	58	46	51	3	48	45
22	4	51	2	44	26	13	29	42	30
23	5	4	16	30	5	35	55	36	15
24	5	17	30	15	44	58	21	30	0
25	5	30	44	1	24	20	47	22	45
26	5	43	57	47	3	43	13	17	30
27	5	57	10	32	43	5	39	11	15
28	6	10	25	18	22	48	5	5	0
29	6	23	39	4	1	50	30	58	45
30	6	36	52	49	41	12	56	52	30
m	s	m	2	3					
2	m	2	3						
3	2	3							
4	3								

linea minu(torum)	p	2	3	4					
31	6	50	6	35	20	35	22	46	15
32	7	3	20	20	59	57	48	40	0
33	7	16	34	6	39	20	14	33	45
34	7	29	47	52	18	42	40	27	30
35	7	43	1	37	58	5	6	21	15
36	7	56	15	23	37	27	32	15	0
37	8	9	29	9	16	39	58	8	45
38	8	22	42	54	56	12	24	2	30
39	8	35	56	40	35	34	49	56	15
40	8	49	10	26	14	57	15	50	0
41	9	2	24	11	54	19	41	43	45
42	9	15	37	57	33	42	7	37	30
43	9	28	51	43	13	4	33	31	15
44	9	42	5	28	52	26	59	22	0
45	9	55	19	14	31	49	25	18	45
46	10	8	33	0	11	11	15	12	30
47	10	21	46	45	50	34	37	6	15
48	10	35	0	31	29	56	43	0	0
49	10	48	14	27	9	19	8	53	45
50	11	1	28	2	48	41	34	47	30
51	11	14	41	48	28	4	0	40	15
52	11	27	55	34	7	26	26	35	0
53	11	41	9	19	46	48	52	28	45
54	11	54	23	5	26	5	18	22	30
55	12	7	36	51	5	33	44	16	15
56	12	20	50	36	44	56	10	10	0
57	12	34	4	22	24	18	36	3	45
58	12	47	18	8	3	41	1	57	30
59	13	0	31	53	43	3	27	51	15
60	13	13	45	39	22	25	53	45	0
m	s	m	2	3					
2	m	2	3						
3	2	3							
4	3								

	3	s	m	2	3	4
Rᵃ Parisien(sis)	3	34	4	29	4	56
Rᵃ [illegible]	3	33	55	38	14	
Rᵃ Pampilon(e)	3	33	47	55	14	
Erfordens(is)	3	34	7	26	56	
Avinionis	3	33	58	35		
Cracoviens(is)	3	33	54	12	34	14 38

Tabula medij motus Capitis draconis

Anni	s	g	m	2	3	4	5	6
1	0	0	3	10	38	7	14	49	10
2	0	0	6	21	16	14	29	38	20
3	0	0	9	31	54	21	44	27	30
4	0	0	12	42	32	28	59	16	40
5	0	0	15	53	10	36	14	5	50
6	0	0	19	3	48	43	28	55	0
7	0	0	22	14	26	50	43	44	10
8	0	0	25	25	4	57	58	33	20
9	0	0	28	35	43	5	13	22	30
10	0	0	31	46	21	12	28	11	40
11	0	0	34	56	59	19	43	0	50
12	0	0	38	7	37	26	57	50	0
13	0	0	41	18	15	34	12	39	10
14	0	0	44	28	53	41	27	28	20
15	0	0	47	39	31	48	42	17	30
16	0	0	50	50	9	55	57	6	40
17	0	0	54	9	48	3	11	55	50
18	0	0	57	11	26	10	26	45	0
19	0	1	0	22	4	17	41	34	10
20	0	1	3	32	42	24	56	23	20
21	0	1	6	43	20	32	11	12	30
22	0	1	9	53	58	39	26	1	40
23	0	1	13	4	36	46	40	50	50
24	0	1	16	15	14	53	55	40	0
25	0	1	19	25	53	1	10	29	10
26	0	1	22	36	31	8	25	18	20
27	0	1	25	47	9	15	40	7	30
28	0	1	28	57	47	22	54	56	40
29	0	1	32	8	25	30	9	45	50
30	0	1	35	19	3	37	24	35	0

m	s	m	2	3
2	m	2	3	
3	2	3		
4	3			

Anni	s	g	m	2	3	4	5	6
31	0	1	38	29	41	44	39	24	10
32	0	1	41	40	19	51	54	13	20
33	0	1	44	50	57	59	9	2	30
34	0	1	48	1	36	6	23	51	40
35	0	1	51	12	14	13	38	40	50
36	0	1	54	22	52	20	53	30	0
37	0	1	57	33	30	28	8	19	10
38	0	2	0	44	8	35	23	8	20
39	0	2	3	54	46	42	37	57	30
40	0	2	7	5	24	49	52	46	40
41	0	2	10	16	2	57	7	35	50
42	0	2	13	26	41	4	22	25	0
43	0	2	16	37	19	11	37	14	10
44	0	2	19	47	57	18	52	3	20
45	0	2	22	58	35	26	6	52	30
46	0	2	26	9	13	33	21	41	40
47	0	2	29	19	51	41	36	30	50
48	0	2	32	30	29	47	51	20	0
49	0	2	35	41	7	55	6	9	10
50	0	2	38	51	46	2	20	58	20
51	0	2	42	2	24	9	35	47	30
52	0	2	45	13	20	16	50	36	40
53	0	2	48	23	40	24	5	25	50
54	0	2	51	34	18	37	20	15	0
55	0	2	54	44	56	38	37	8	10
56	0	2	57	55	34	47	49	53	20
57	0	3	1	6	12	53	4	42	30
58	0	3	4	16	51	0	19	31	40
59	0	3	7	27	29	7	34	20	50
60	0	3	10	38	7	14	49	10	0

m	s	m	2	3
2	m	2	3	
3	2	3		
4	3			

	s	g	m	2	3	4
[illegible]	1	31	55	44	45	0
Ad p(ro)p(ri)us	1	31	55	42	53	
Erfordiensis	1	31	55	44		
parisiensis	1	31	55	46		
Lyppaciensis	1	31	55	41		
Cinzimicf	1	31	57	41	2	0 14

Tabula medij motus lune in elongatione sua a sole

Linea num.	s	2	3	4					
1	0	12	11	26	41	37	51	50	39
2	0	24	22	53	23	15	43	41	18
3	0	36	34	20	4	53	35	31	57
4	0	48	45	46	46	31	27	22	36
5	1	0	57	13	28	9	19	13	15
6	1	13	8	40	9	47	11	3	54
7	1	25	20	6	51	25	2	54	33
8	1	37	31	33	33	2	54	45	12
9	1	49	43	0	14	40	46	35	51
10	2	1	54	26	56	18	38	26	30
11	2	14	5	53	37	58	30	17	9
12	2	26	17	20	19	34	22	7	48
13	2	38	28	47	1	12	13	58	24
14	2	50	40	13	42	50	5	49	3
15	3	2	51	40	24	27	57	39	42
16	3	15	3	7	6	5	48	30	24
17	3	37	14	33	47	43	41	20	51
18	3	39	26	0	29	21	31	15	38
19	3	51	37	27	10	59	25	2	19
20	4	3	48	53	52	37	16	52	55
21	4	16	0	20	34	17	8	43	34
22	4	28	11	47	17	53	0	34	13
23	4	40	23	13	57	30	52	24	52
24	4	52	34	40	39	8	44	15	31
25	5	4	46	7	20	46	36	6	10
26	5	16	57	34	2	24	27	56	48
27	5	29	9	0	44	2	19	47	27
28	5	41	20	27	25	40	11	38	6
29	5	53	31	54	7	18	3	28	44
30	6	5	43	20	48	55	55	19	23
m	s	m	2	3					
2	m	2	3						
4	2	3							
	3								

Linea num.	s	2	3	4					
31	6	17	54	47	30	32	47	10	2
32	6	30	6	14	12	11	29	11	40
33	6	42	17	40	53	49	30	51	10
34	6	54	29	7	35	58	27	22	41
35	7	6	40	34	17	7	14	32	37
36	7	18	52	0	58	42	6	23	16
37	7	31	3	27	40	20	58	13	55
38	7	43	14	54	21	58	50	4	34
39	7	55	26	21	3	36	41	55	12
40	8	7	37	47	45	14	33	46	51
41	8	19	49	14	26	52	25	36	30
42	8	32	0	41	8	30	17	27	9
43	8	44	12	7	50	8	9	17	47
44	8	56	23	34	31	46	1	8	26
45	9	8	35	1	13	23	52	19	5
46	9	20	46	27	55	1	44	49	44
47	9	32	57	57	36	39	36	40	22
48	9	45	9	21	18	17	28	31	1
49	9	57	20	48	59	55	20	21	40
50	10	9	32	14	41	33	12	12	19
51	10	21	43	41	23	11	4	2	58
52	10	33	55	8	4	48	55	53	36
53	10	46	6	34	46	26	47	44	15
54	10	58	18	1	28	4	39	34	54
55	11	10	29	28	9	42	31	25	33
56	11	22	40	54	51	20	23	16	11
57	11	34	52	21	32	58	15	6	50
58	11	47	3	48	14	36	6	57	29
59	11	59	15	14	56	13	58	48	8
60	12	11	26	41	37	51	50	38	47
m	s	m	2	3					
2	m	2	3						
3	2	3							
4	3								

	s	g	m	2	3	4
Ep. xpian	3	24	1	26	55	48
Ep. incarn	6	23	54	23	9	28
R. pagu	3	23	48	16	28	
Cracovien	3	23	53	19	14	20
Wyenensis	3	23	51	11		
Oxoniensis	3	23	51	48	7	22
			56	3 4	54	

Tabula continens medium motum Saturni

Anni	p	2	3	4				
1	0	0	2	0	35	17	40	21
2	0	0	4	1	10	35	20	42
3	0	0	6	1	45	53	1	3
4	0	0	8	2	21	10	41	24
5	0	0	10	2	56	28	21	45
6	0	0	12	3	31	46	2	6
7	0	0	14	4	7	3	42	27
8	0	0	16	4	42	21	22	48
9	0	0	18	5	17	39	3	9
10	0	0	20	5	52	56	43	30
11	0	0	22	6	28	14	23	51
12	0	0	24	7	3	32	4	12
13	0	0	26	7	38	49	44	33
14	0	0	28	8	14	7	24	54
15	0	0	30	8	49	25	5	15
16	0	0	32	9	24	42	45	36
17	0	0	34	10	0	0	25	57
18	0	0	36	10	35	18	6	18
19	0	0	38	11	10	35	46	39
20	0	0	40	11	45	53	27	0
21	0	0	42	12	21	11	7	21
22	0	0	44	12	56	28	47	42
23	0	0	46	13	31	46	28	3
24	0	0	48	14	7	4	8	24
25	0	0	50	14	42	21	48	45
26	0	0	52	15	17	39	29	6
27	0	0	54	15	52	57	9	27
28	0	0	56	16	28	14	49	48
29	0	0	58	17	3	32	30	9
30	0	1	0	17	38	50	10	30
m	5	iii	2	3				
2	iii	2	3					
3	2	3						
4	3							

Anni	p	2	3	4				
31	0	1	2	18	14	7	50	51
32	0	1	4	18	49	25	31	12
33	0	1	6	19	24	43	11	33
34	0	1	8	20	0	0	51	54
35	0	1	10	20	35	18	32	15
36	0	1	12	21	10	36	12	36
37	0	1	14	21	45	53	52	57
38	0	1	16	22	21	11	33	18
39	0	1	18	22	56	29	13	39
40	0	1	20	23	31	46	54	0
41	0	1	22	24	7	4	34	21
42	0	1	24	24	42	22	14	42
43	0	1	26	25	17	39	55	3
44	0	1	28	25	52	57	35	24
45	0	1	30	26	28	15	15	45
46	0	1	32	27	3	32	56	6
47	0	1	34	27	38	50	36	27
48	0	1	36	28	14	8	16	48
49	0	1	38	28	49	25	57	9
50	0	1	40	29	24	43	37	30
51	0	1	42	30	0	1	17	51
52	0	1	44	30	35	18	58	12
53	0	1	46	31	10	36	38	33
54	0	1	48	31	45	54	18	54
55	0	1	50	32	21	11	59	15
56	0	1	52	32	56	29	39	36
57	0	1	54	33	31	47	19	57
58	0	1	56	34	7	5	0	18
59	0	1	58	34	42	22	40	39
60	0	2	0	35	17	40	21	0
m	5	iii	2	3				
2	iii	2	3					
3	2	3						
4	3							

	s	5	iii	2	3		
[illegible]	1	4	5	15	11		
[illegible]	1	4	5	14	0		
Wiennensis	1	4	5	15	11		
Pisensis	1	4	5	16	10		
Erfordiensis	1	4	5	14	51		
Cracouiensis	1	4	5	12	49	50	35
					57	52	

Tabula continens medium motum Jovis

[illegible]	p̃	2̃	3̃	4̃					
1	0	0	4	59	15	27	7	23	50
2	0	0	9	58	30	54	14	47	40
3	0	0	14	57	46	21	22	11	30
4	0	0	19	57	1	48	29	35	20
5	0	0	24	56	17	15	36	59	10
6	0	0	29	55	32	42	44	23	0
7	0	0	34	54	48	9	51	46	50
8	0	0	39	54	3	36	59	10	40
9	0	0	44	53	19	4	6	34	30
10	0	0	49	52	34	31	13	58	20
11	0	0	54	51	49	58	21	22	10
12	0	0	59	51	5	25	28	46	0
13	0	1	4	50	20	52	36	9	50
14	0	1	9	48	51	46	50	57	40
15	0	1	14	49	36	19	43	33	30
16	0	1	19	48	7	13	58	21	20
17	0	1	24	47	22	41	5	45	10
18	0	1	29	46	38	8	13	9	0
19	0	1	34	45	53	37	20	32	50
20	0	1	39	44	9	2	27	56	40
21	0	1	44	43	24	29	35	20	30
22	0	1	49	43	33	56	42	44	20
23	0	1	54	41	55	23	50	8	10
24	0	1	59	42	20	5	57	32	0
25	0	2	4	41	26	18	4	55	50
26	0	2	9	40	41	45	12	19	40
27	0	2	14	39	57	12	19	43	30
28	0	2	19	39	12	39	27	7	20
29	0	2	24	38	28	6	34	31	10
30	0	2	29	37	43	33	41	55	0
[illegible]	p̃	2̃	3̃	4̃					
31	0	2	34	36	59	0	49	18	50
32	0	2	39	36	14	27	56	42	40
33	0	2	44	35	29	55	4	6	30
34	0	2	49	34	45	22	11	30	20
35	0	2	54	34	0	49	18	54	10
36	0	2	59	33	16	16	26	18	0
37	0	3	4	32	31	43	33	41	50
38	0	3	9	31	41	10	41	5	40
39	0	3	14	31	2	37	48	29	30
40	0	3	19	30	18	4	55	53	20
41	0	3	24	29	33	32	3	17	10
42	0	3	29	28	48	59	10	41	0
43	0	3	34	28	4	26	18	4	50
44	0	3	39	27	35	20	32	52	40
45	0	3	44	26	19	53	25	28	30
46	0	3	49	25	50	47	4	16	20
47	0	3	54	25	6	14	47	40	10
48	0	3	59	24	21	41	55	4	0
49	0	4	4	23	37	9	2	27	50
50	0	4	9	22	52	26	9	51	40
51	0	4	14	22	8	3	17	15	30
52	0	4	19	21	23	30	24	39	20
53	0	4	24	20	38	57	32	3	10
54	0	4	29	19	54	24	39	37	0
55	0	4	34	19	9	51	46	50	50
56	0	4	39	18	25	18	54	14	40
57	0	4	44	17	40	46	1	38	30
58	0	4	49	16	56	13	9	2	20
59	0	4	54	16	11	40	16	26	10
60	0	4	59	15	27	7	23	50	0

m̃ s̃ m̃ 2̃ 3̃
2̃ m̃ 2̃ 3
3̃ 2̃ 3
4 3

	s̃	g̃	m̃	2̃	3̃
Ad Parisius	3	0	37	10	
Ad [illegible]	3	0	37	8	17
Ad Pragam	3	0	37	5	22
Erfordiensis	3	0	37	7	37
Cracoviensis	3	0	37	2	26

37 2 4 2

Tabula continens medium motum Martis

[illegible]	p̄	2	3	4				
1	0	0	31	26	38	~~40~~	~~5~~	9
2	0	1	2	53	17	20	10	0
3	0	1	34	19	56	0	15	0
4	0	2	5	46	34	40	20	0
5	0	2	37	13	13	20	0	0
6	0	3	8	39	52	0	40	0
7	0	3	40	6	30	40	30	0
8	0	4	11	33	9	20	40	0
9	0	4	42	59	48	0	45	0
10	0	5	14	26	26	40	50	0
11	0	5	45	53	5	20	55	0
12	0	6	17	19	44	1	0	0
13	0	6	48	46	22	41	5	0
14	0	7	20	13	1	21	10	0
15	0	7	51	39	40	1	15	0
16	0	8	23	6	18	41	20	0
17	0	8	54	32	57	21	25	0
18	0	9	25	59	36	1	30	0
19	0	9	57	26	14	41	35	0
20	0	10	28	52	53	21	40	0
21	0	11	0	19	32	1	45	0
22	0	11	31	46	12	41	50	0
23	0	12	3	12	49	21	55	0
24	0	12	34	39	28	2	0	0
25	0	13	6	6	6	42	5	0
26	0	13	37	32	45	22	10	0
27	0	14	8	59	24	2	15	0
28	0	14	40	26	2	42	20	0
29	0	15	11	52	41	22	25	0
30	0	15	43	19	20	2	30	0
31	0	16	14	45	58	42	35	0
32	0	16	46	12	37	22	40	0
33	0	17	17	39	16	2	45	0
34	0	17	49	5	54	42	50	0
35	0	18	20	32	33	22	55	0
36	0	18	51	59	12	3	0	0
37	0	19	23	25	50	43	5	0
38	0	19	54	52	29	23	10	0
39	0	20	26	19	8	3	15	0
40	0	20	57	45	46	43	20	0
41	0	21	29	12	25	23	25	0
42	0	22	0	39	4	3	30	0
43	0	22	32	5	42	43	35	0
44	0	23	3	32	21	23	40	0
45	0	23	34	59	9	3	45	0
46	0	24	6	25	38	43	50	0
47	0	24	37	52	17	23	55	0
48	0	25	9	18	56	4	11	0
49	0	25	40	45	34	44	5	0
50	0	26	12	12	13	24	10	0
51	0	26	43	38	52	4	15	0
52	0	27	15	5	30	44	20	0
53	0	27	46	32	9	24	25	0
54	0	28	17	58	48	4	30	0
55	0	28	49	25	26	44	35	0
56	0	29	20	52	5	24	40	0
57	0	29	52	18	44	4	45	0
58	0	30	23	45	22	44	50	0
59	0	30	55	12	1	24	55	0
60	0	31	26	38	40	1	0	0

m	g	m	2	3
2	m	2	3	
3	2	3		
4	3			

m	g	m	2	3
2	m	2	3	
3	2	3		
4	3			

	s	g	m	2	3	4
R[adix] [illegible]	0	41	24	11	0	
R[adix] [illegible]	0	41	24	56	50	
R[adix] [illegible]	0	41	23	52	46	
Viennensis	0	41	23	44		
Erfordiensis	0	41	24	5	53	
36 32 4 Cracoviensis	0	41	23	[illegible]	6 18 15	

Tabula continens medium motum argumenti Veneris

Dies	p	2	3	4				
1	0	0	36	59	27	23	59	31
2	0	1	13	58	54	47	59	2
3	0	1	50	58	22	11	58	33
4	0	2	27	57	49	35	58	4
5	0	3	4	57	16	59	57	35
6	0	3	41	56	44	23	57	6
7	0	4	18	56	11	47	56	37
8	0	4	55	55	39	11	56	8
9	0	5	32	55	6	35	55	39
10	0	6	9	54	33	59	54	10
11	0	6	46	54	1	23	54	41
12	0	7	23	53	28	50	54	12
13	0	8	0	52	56	18	53	43
14	0	8	37	52	23	45	53	14
15	0	9	14	51	50	13	52	45
16	0	9	51	51	18	40	52	16
17	0	10	28	50	47	7	51	47
18	0	11	5	50	13	37	51	18
19	0	11	42	49	40	2	50	49
20	0	12	19	49	7	30	50	20
21	0	12	56	48	35	57	49	51
22	0	13	33	48	2	47	49	22
23	0	14	10	47	30	11	48	53
24	0	14	47	46	57	35	48	24
25	0	15	24	46	24	53	47	55
26	0	16	1	45	52	23	47	26
27	0	16	38	45	19	47	46	57
28	0	17	15	44	47	11	46	28
29	0	18	52	44	14	35	45	59
30	0	18	29	43	41	59	45	30
31	0	19	6	43	9	23	45	1
32	0	19	43	42	36	40	44	32
33	0	20	20	42	4	11	44	3
34	0	20	57	41	31	35	43	34
35	0	21	34	40	58	59	43	5
36	0	22	11	40	26	23	42	36
37	0	22	48	39	53	47	42	7
38	0	23	25	39	21	11	41	38
39	0	24	2	38	48	35	41	9
40	0	24	39	38	15	59	40	48
41	0	25	16	37	43	23	40	11
42	0	25	53	37	10	47	39	42
43	0	26	30	36	38	11	39	13
44	0	27	7	36	5	35	38	44
45	0	27	44	35	32	59	38	15
46	0	28	21	35	0	23	37	46
47	0	28	58	34	27	47	37	17
48	0	29	35	33	55	11	36	48
49	0	30	12	33	22	35	36	19
50	0	30	49	32	49	59	35	50
51	0	31	26	32	17	23	35	21
52	0	32	3	31	44	47	34	52
53	0	32	40	31	12	11	34	23
54	0	33	17	30	39	35	33	54
55	0	33	54	30	6	59	33	25
56	0	34	31	29	34	23	32	56
57	0	35	8	29	1	47	42	27
58	0	35	45	28	29	11	31	58
59	0	36	22	27	56	35	31	29
60	0	36	59	27	23	59	31	0

m	g	m	2	3
2	m	2	3	
3	2	3		
4	3			

Radix [illegible] 2 9 20 20 49
Pro secunda tabula [illegible] 4 9 20 48 48
Pro tercia tabula [illegible] 2 9 20 8 48
Incarnacionis 2 9 19
Christi 2 9 20 45 54
Alfonsi 3 1 14 46 50 54 55

Tabula continens motum medium argumenti Mercurij

	p̄	2̄	3̄	4̄			
1	0	3	6	24	7	42	40	52
2	0	6	12	48	15	25	21	44
3	0	9	19	12	23	8	2	36
4	0	12	25	36	30	50	43	28
5	0	15	32	24	38	33	24	20
6	0	18	38	24	46	16	5	12
7	0	21	44	48	53	58	46	4
8	0	24	51	13	1	41	26	56
9	0	27	57	37	9	24	7	48
10	0	31	4	1	17	6	48	40
11	0	34	10	25	24	49	29	32
12	0	37	16	49	32	32	10	24
13	0	40	23	13	40	14	51	16
14	0	43	29	37	47	57	32	8
15	0	46	36	1	55	40	13	0
16	0	49	42	26	3	22	53	52
17	0	52	48	50	11	5	34	44
18	0	55	55	14	18	48	15	36
19	0	59	1	38	26	30	56	28
20	1	2	8	2	34	33	37	20
21	1	5	14	26	41	56	58	22
22	1	8	20	50	49	38	59	4
23	1	11	27	14	57	21	39	56
24	1	14	33	39	5	4	20	48
25	1	17	48	3	12	47	7	40
26	1	20	46	29	20	29	42	32
27	1	23	52	51	28	12	23	24
28	1	36	59	15	35	55	8	16
29	1	30	5	39	30	35	45	8
30	1	33	12	3	37	20	26	0
31	1	36	18	27	59	3	6	52
32	1	39	24	52	6	45	47	44
33	1	42	31	16	14	28	28	36
34	1	45	37	40	22	11	9	28
35	1	48	44	4	29	53	50	20
36	1	51	50	28	37	36	31	12
37	1	54	56	52	45	19	12	4
38	1	58	3	16	53	1	52	56
39	2	1	9	41	0	44	33	48
40	2	4	16	5	8	27	14	40
41	2	7	22	29	16	9	55	32
42	2	10	28	53	23	52	36	24
43	2	13	35	17	31	35	17	26
44	2	16	41	41	39	17	58	8
45	2	19	48	5	47	0	30	0
46	2	22	54	29	54	43	19	52
47	2	26	0	54	2	26	0	44
48	2	29	7	18	10	8	41	36
49	2	32	13	42	17	51	22	28
50	2	35	20	6	25	34	3	20
51	2	38	26	30	33	16	44	12
52	2	41	32	54	40	59	25	4
53	2	44	39	18	48	42	5	56
54	2	47	45	42	56	24	46	48
55	2	50	52	7	4	7	27	40
56	2	53	58	31	11	50	8	32
57	2	57	4	55	19	32	49	24
58	3	0	11	19	27	15	30	16
59	3	3	17	43	34	58	11	8
60	3	6	24	7	42	40	52	0

	s̄	ḡ	m̄	2̄	3̄		
Radix parisiensis	0	41	17	41	12		
Radix megdeburgensis	0	45	17	8	0		
Radix pragensis	0	45	1	19	0		
Erfordiensis	0	45	14	36	56		
Wyenensis	0	45	13	32			
Cracouiens	0	45	14	38	30	31	44

Tabula equacionis solis prima

Linee numeri communes				Equacio solis			Linee numeri communes				Equacio solis			Linee numeri communes				Equacio solis		
s	g	s	g	g	m	2a	s	g	s	g	g	m	2a	s	g	s	g	g	m	2a
0	1	5	59	0	2	10	0	1	5	29	1	4	46	1	1	4	59	1	51	51
0	2	5	58	0	4	19	0	2	5	28	1	6	37	1	2	4	58	1	52	56
0	3	5	57	0	6	27	0	3	5	27	1	8	28	1	3	4	57	1	54	0
0	4	5	56	0	8	36	0	4	5	26	1	10	19	1	4	4	56	1	55	6
0	5	5	55	0	10	44	0	5	5	25	1	12	9	1	5	4	55	1	56	9
0	6	5	54	0	12	52	0	6	5	24	1	13	58	1	6	4	54	1	57	11
0	7	5	53	0	15	2	0	7	5	23	1	15	41	1	7	4	53	1	58	12
0	8	5	52	0	17	10	0	8	5	22	1	17	24	1	8	4	52	1	58	52
0	9	5	51	0	19	19	0	9	5	21	1	19	6	1	9	4	51	1	59	44
0	10	5	50	0	21	28	0	10	5	20	1	20	48	1	10	4	50	2	0	26
0	11	5	49	0	23	36	0	11	5	19	1	22	29	1	11	4	49	2	1	56
0	12	5	48	0	25	45	0	12	5	18	1	24	10	1	12	4	48	2	2	2
0	13	5	47	0	27	53	0	13	5	17	1	25	50	1	13	4	47	2	2	42
0	14	5	46	0	30	1	0	14	5	16	1	27	29	1	14	4	46	2	3	27
0	15	5	45	0	32	8	0	15	5	15	1	29	8	1	15	4	45	2	3	59
0	16	5	44	0	34	16	0	16	5	14	1	30	46	1	16	4	44	2	4	36
0	17	5	43	0	36	23	0	17	5	13	1	32	23	1	17	4	43	2	5	16
0	18	5	42	0	38	30	0	18	5	12	1	33	59	1	18	4	42	2	5	48
0	19	5	41	0	40	37	0	19	5	11	1	35	30	1	19	4	41	2	6	17
0	20	5	40	0	42	43	0	20	5	10	1	37	0	1	20	4	40	2	6	25
0	21	5	39	0	44	49	0	21	5	9	1	38	30	1	21	4	39	2	7	12
0	22	5	38	0	46	55	0	22	5	8	1	39	58	1	22	4	38	2	7	37
0	23	5	37	0	48	59	0	23	5	7	1	41	27	1	23	4	37	2	8	2
0	24	5	36	0	51	4	0	24	5	6	1	43	54	1	24	4	36	2	8	27
0	25	5	35	0	53	4	0	25	5	5	1	44	14	1	25	4	35	2	8	45
0	26	5	34	0	55	2	0	26	5	4	1	45	34	1	26	4	34	2	9	1
0	27	5	33	0	57	1	0	27	5	3	1	46	53	1	27	4	33	2	9	17
0	28	5	32	0	58	59	0	28	5	2	1	48	10	1	28	4	32	2	9	32
0	29	5	31	1	0	57	0	29	5	1	1	49	28	1	29	4	31	2	9	45
0	30	5	30	1	2	54	1	30	5	0	1	50	54	1	30	4	30	2	9	57

Tabula equacionis Solis Secunda

Linee minuti communes				Equacio solis			Linee minuti communes				Equacio solis			Linee minuti communes				Equacio solis		
s	g	s	g	g	m	2	s	g	s	g	g	m	2	s	g	s	g	g	m	2
0	1 31	4	29	2	9	59	2	1	3	59	1	53	46	2	31	3	29	1	5	1
0	1 32	4	28	2	10	0	2	2	3	58	1	52	35	2	32	3	28	1	2	54
0	1 33	4	27	2	10	0	2	3	3	57	1	51	24	2	32	3	27	1	0	57
0	1 34	4	26	2	10	0	2	4	3	56	1	50	12	2	33	3	26	0	58	40
0	1 35	4	25	2	9	57	2	5	3	55	1	48	59	2	34	3	25	0	56	33
0	1 36	4	24	2	9	51	2	6	3	54	1	47	46	2	35	3	24	0	54	27
0	1 37	4	23	2	9	36	2	7	3	53	1	46	20	2	36	3	23	0	52	17
0	1 38	4	22	2	9	20	2	8	3	52	1	44	13	2	37	3	22	0	50	9
0	1 39	4	21	2	9	2	2	9	3	51	1	43	26	2	38	3	21	0	48	1
0	1 40	4	20	2	8	47	2	10	3	50	1	42	57	2	39	3	20	0	45	53
0	1 41	4	19	2	8	25	2	11	3	49	1	40	27	2	40	3	19	0	43	44
0	1 42	4	18	2	8	6	2	12	3	48	1	38	57	2	41	3	18	0	41	35
0	1 43	4	17	2	7	41	2	13	3	47	1	37	24	2	42	3	17	0	39	26
0	1 44	4	16	2	7	14	2	14	3	46	1	35	53	2	44	3	16	0	37	16
0	1 45	4	15	2	6	46	2	15	3	45	1	34	20	2	45	3	15	0	35	6
0	1 46	4	14	2	6	18	2	16	3	44	1	32	46	2	46	3	14	0	32	51
0	1 47	4	13	2	5	48	2	17	3	43	1	31	12	2	47	3	13	0	30	35
0	1 48	4	12	2	5	18	2	18	3	42	1	29	37	2	48	3	12	0	28	19
0	1 49	4	11	2	4	42	2	19	3	41	1	27	50	2	49	3	11	0	26	1
0	1 50	4	10	2	4	5	2	20	3	40	1	26	3	2	50	3	10	0	23	42
0	1 51	4	9	2	3	27	2	21	3	39	1	24	16	2	51	3	9	0	21	22
0	1 52	4	8	2	2	37	2	22	3	38	1	22	28	2	52	3	8	0	19	1
0	1 53	4	7	2	1	47	2	23	3	37	1	20	40	2	53	3	7	0	16	40
0	1 54	4	6	2	0	51	2	24	3	36	1	18	51	2	54	3	6	0	14	19
0	1 55	4	5	1	59	13	2	25	3	35	1	17	0	2	55	3	5	0	11	58
0	1 56	4	4	1	58	55	2	26	3	34	1	15	8	2	56	3	4	0	9	36
0	1 57	4	3	1	57	57	2	27	3	33	1	13	13	2	57	3	3	0	7	12
0	1 58	4	2	1	56	57	2	28	3	32	1	11	16	2	58	3	2	0	4	48
0	1 59	4	1	1	55	57	2	29	3	31	1	9	10	2	59	3	1	0	2	24
	1 60	4	0	1	54	57	2	30	3	30	1	7	7	2	0	3	0	0	0	0

Tabula equationis lune prima

Linee communes				Equatio centri		Minuta proportionalia	Diversitas diametri		Equatio argumenti			Linee communes				Equatio centri		Minuta proportionalia	Diversitas diametri		Equatio argumenti		
S	G	S	G	G	M		G	M	G	M	2a	S	G	S	G	G	M		G	M	G	M	2a
0	1	5	59	0	9	0	0	3	0	4	46	0	31	5	29	4	32	3	1	12	2	21	43
0	2	5	58	0	18	0	0	5	0	9	13	0	32	5	28	4	41	4	1	14	2	25	55
0	3	5	57	0	27	0	0	7	0	14	17	0	33	5	27	4	49	4	1	16	2	30	5
0	4	5	56	0	36	0	0	10	0	19	0	0	34	5	26	4	58	4	1	19	2	34	12
0	5	5	55	0	45	0	0	12	0	23	44	0	35	5	25	5	7	4	1	21	2	38	17
0	6	5	54	0	53	0	0	14	0	28	28	0	36	5	24	5	15	4	1	23	2	42	21
0	7	5	53	1	2	0	0	17	0	33	11	0	37	5	23	5	24	5	1	25	2	46	22
0	8	5	52	1	11	0	0	19	0	37	54	0	38	5	22	5	33	5	1	27	2	50	19
0	9	5	51	1	20	0	0	21	0	42	27	0	39	5	21	5	41	5	1	29	2	54	14
0	10	5	50	1	29	0	0	24	0	47	19	0	40	5	20	5	50	5	1	31	2	58	7
0	11	5	49	1	38	0	0	26	0	52	0	0	41	5	19	5	59	6	1	33	3	1	58
0	12	5	48	1	46	1	0	28	0	56	41	0	42	5	18	6	7	6	1	35	3	5	46
0	13	5	47	1	55	1	0	31	1	1	20	0	43	5	17	6	16	6	1	37	3	9	31
0	14	5	46	2	4	1	0	33	1	5	59	0	44	5	16	6	25	6	1	39	3	13	13
0	15	5	45	2	13	1	0	35	1	10	38	0	45	5	15	6	33	7	1	40	3	16	51
0	16	5	44	2	22	1	0	38	1	15	15	0	46	5	14	6	42	7	1	42	3	20	26
0	17	5	43	2	31	1	0	40	1	19	52	0	47	5	13	6	50	8	1	44	3	23	59
0	18	5	42	2	39	1	0	42	1	24	27	0	48	5	12	6	58	8	1	45	3	27	30
0	19	5	41	2	48	1	0	45	1	29	0	0	49	5	11	7	7	8	1	47	3	30	57
0	20	5	40	2	57	2	0	47	1	33	32	0	50	5	10	7	15	9	1	48	3	34	20
0	21	5	39	3	5	2	0	49	1	38	3	0	51	5	9	7	23	9	1	49	3	37	40
0	22	5	38	3	14	2	0	52	1	42	33	0	52	5	8	7	32	9	1	51	3	40	57
0	23	5	37	3	23	2	0	54	1	46	1	0	53	5	7	7	40	10	1	53	3	44	10
0	24	5	36	3	31	2	0	57	1	51	27	0	54	5	6	7	48	10	1	54	3	47	20
0	25	5	35	3	40	2	0	59	1	55	52	0	55	5	5	7	56	10	1	56	3	50	26
0	26	5	34	3	49	2	1	1	2	0	17	0	56	5	4	8	4	11	1	58	3	53	29
0	27	5	33	3	57	3	1	3	2	4	37	0	57	5	3	8	12	11	1	59	3	56	30
0	28	5	32	4	6	3	1	6	2	8	57	0	58	5	2	8	20	11	1	1	3	59	26
0	29	5	31	4	14	3	1	8	2	13	14	0	59	5	1	8	28	12	1	2	4	2	17
0	30	5	30	4	23	3	1	13	2	17	29	0	0	5	0	8	36	12	1	3	4	5	4

Tabula equacionis lune secunda

Linee numeri communes				Equacio centri		Minuta proporcionalia	Diversitas dyametri		Equacio argumenti		
S	G	S	G	G	M	M	G	M	G	M	2a
1	1	4	59	8	48	13	2	5	4	7	47
1	2	4	58	8	52	13	2	6	4	10	27
1	3	4	57	8	59	14	2	7	4	13	3
1	4	4	56	9	7	14	2	9	4	15	35
1	5	4	55	9	15	15	2	10	4	18	3
1	6	4	54	9	22	15	2	12	4	20	27
1	7	4	53	9	30	15	2	13	4	22	47
1	8	4	52	9	37	16	2	14	4	25	2
1	9	4	51	9	44	16	2	15	4	27	12
1	10	4	50	9	52	17	2	16	4	29	18
1	11	4	49	9	59	17	2	17	4	31	20
1	12	4	48	10	6	18	2	18	4	33	18
1	13	4	47	10	13	18	2	19	4	35	11
1	14	4	46	10	20	19	2	20	4	36	59
1	15	4	45	10	27	19	2	21	4	38	43
1	16	4	44	10	34	20	2	22	4	40	23
1	17	4	43	10	41	20	2	23	4	41	58
1	18	4	42	10	48	21	2	24	4	43	28
1	19	4	41	10	55	21	2	25	4	44	53
1	20	4	40	11	2	22	2	26	4	46	13
1	21	4	39	11	8	22	2	27	4	47	26
1	22	4	38	11	15	22	2	28	4	48	35
1	23	4	37	11	21	23	2	29	4	49	38
1	24	4	36	11	27	23	2	30	4	50	41
1	25	4	35	11	33	24	2	31	4	51	38
1	26	4	34	11	39	24	2	32	4	52	28
1	27	4	33	11	44	25	2	33	4	53	11
1	28	4	32	11	50	25	2	34	4	53	50
1	29	4	31	11	55	26	2	35	4	54	25
1	30	4	30	12	0	26	2	36	4	54	54

Linee numeri communes				Equacio centri		Minuta proporcionalia	Diversitas dyametri		Equacio argumenti		
S	G	S	G	G	M	M	G	M	G	M	2a
1	31	4	29	12	5	27	2	37	4	55	18
1	32	4	28	12	10	27	2	37	4	55	37
1	33	4	27	12	19	28	2	38	4	55	49
1	34	4	26	12	20	28	2	38	4	55	55
1	35	4	25	12	24	29	2	38	4	55	0
1	36	4	24	12	28	30	2	38	4	55	16
1	37	4	23	12	32	31	2	38	4	55	49
1	38	4	22	12	36	31	2	39	4	55	25
1	39	4	21	12	39	32	2	39	4	55	4
1	40	4	20	12	42	32	2	39	4	54	41
1	41	4	19	12	45	33	2	39	4	54	12
1	42	4	18	12	48	33	2	39	4	53	38
1	43	4	17	12	51	34	2	40	4	52	59
1	44	4	16	12	54	35	2	40	4	52	14
1	45	4	15	12	56	35	2	40	4	51	22
1	46	4	14	12	58	36	2	40	4	50	22
1	47	4	13	13	0	36	2	40	4	49	17
1	48	4	12	13	2	37	2	40	4	49	10
1	49	4	11	13	4	37	2	40	4	46	54
1	50	4	10	13	5	38	2	39	4	45	33
1	51	4	9	13	6	38	2	39	4	45	7
1	52	4	8	13	7	39	2	38	4	44	34
1	53	4	7	13	8	39	2	38	4	40	56
1	54	4	6	13	9	40	2	37	4	39	15
1	55	4	5	13	9	40	2	36	4	37	29
1	56	4	4	13	8	41	2	36	4	35	37
1	57	4	3	13	7	41	2	35	4	33	41
1	58	4	2	13	6	42	2	34	4	31	44
1	59	4	1	13	5	42	2	33	4	25	29
1	0	4	0	13	4	43	2	31	4	27	0

Tabula equationis lune 3a

Linee numeri communes				Equatio centri		minuta proportionalia	Diversitas diametri circuli		Equatio argumenti		
s	g	s	g	g	m		g	m	g	m	s
2	1	3	59	13	3	43	2	30	4	24	38
2	2	3	58	13	1	44	2	29	4	22	11
2	3	3	57	12	59	44	2	27	4	19	38
2	4	3	56	12	56	45	2	26	4	16	58
2	5	3	55	12	53	45	2	25	4	14	13
2	6	3	54	12	50	46	2	23	4	11	23
2	7	3	53	12	46	46	2	22	4	8	28
2	8	3	52	12	41	47	2	21	4	5	31
2	9	3	51	12	36	47	2	19	4	2	30
2	10	3	50	12	30	47	2	18	3	59	20
2	11	3	49	12	22	48	2	17	3	56	5
2	12	3	48	12	16	48	2	15	3	52	49
2	13	3	47	12	9	49	2	14	3	49	23
2	14	3	46	12	3	49	2	12	3	45	52
2	15	3	45	11	54	50	2	10	3	42	17
2	16	3	44	11	46	50	2	9	3	38	27
2	17	3	43	11	38	51	2	7	3	34	53
2	18	3	42	11	29	51	2	5	3	31	3
2	19	3	41	11	20	52	2	3	3	27	10
2	20	3	40	11	11	52	2	1	3	22	12
2	21	3	39	11	2	53	1	58	3	18	9
2	22	3	38	11	52	53	1	56	3	15	2
2	23	3	37	10	43	53	1	54	3	10	50
2	24	3	36	10	33	54	1	51	3	6	35
2	25	3	35	10	22	54	1	49	3	2	15
2	26	3	34	10	11	54	1	46	2	57	51
2	27	3	33	10	0	55	1	43	2	53	23
2	28	3	32	9	48	55	1	41	2	48	51
2	29	3	31	9	33	55	1	38	2	44	17
2	30	3	30	9	22	55	1	35	2	39	35

Linee numeri communes				Equatio centri		minuta proportionalia	Diversitas diametri circuli		Equatio argumenti		
s	g	s	g	g	m		g	m	g	m	s
2	31	3	29	9	8	56	1	32	2	34	52
2	32	3	28	8	53	56	1	29	2	30	6
2	33	3	27	8	38	56	1	26	2	25	13
2	34	3	26	8	22	56	1	24	2	20	22
2	35	3	25	8	5	57	1	21	2	15	26
2	36	3	24	7	48	57	1	18	2	10	26
2	37	3	23	7	31	57	1	16	2	5	22
2	38	3	22	7	14	57	1	13	2	0	17
2	39	3	21	6	56	57	1	10	1	55	19
2	40	3	20	6	39	58	1	8	1	49	58
2	41	3	19	6	21	58	1	5	1	44	44
2	42	3	18	6	3	58	1	2	1	39	27
2	43	3	17	5	44	58	0	59	1	34	9
2	44	3	16	5	27	58	0	56	1	28	49
2	45	3	15	5	8	59	0	52	1	23	26
2	46	3	14	4	49	59	0	49	1	18	1
2	47	3	13	4	30	59	0	46	1	12	34
2	48	3	12	4	11	59	0	42	1	7	6
2	49	3	11	4	52	59	0	39	1	1	36
2	50	3	10	3	32	59	0	36	0	56	56
2	51	3	9	3	12	59	0	32	0	50	32
2	52	3	8	2	52	60	0	29	0	44	58
2	53	3	7	2	32	60	0	25	0	39	23
2	54	3	6	2	11	60	0	21	0	33	47
2	55	3	5	1	50	60	0	18	0	28	10
2	56	3	4	1	29	60	0	14	0	22	33
2	57	3	3	1	7	60	0	11	0	16	56
2	58	3	2	0	43	60	0	8	0	11	18
2	59	3	1	0	23	60	0	4	0	5	49
2	0	3	0	0	0	60	0	0	0	0	0

Nota quod ista prima tabula secundum statum saturni prima debet stare circa tabulam equacionis saturni primam ad tale signum et valet pro inveniendis stacionibus et retrogradacionibus ita quod prima linea que debet in fine tabule stare circa primam lineam et sic erit de omnibus aliis etc.

Tabula equacionis saturni prima

Linee numeri communes s	g	s	g	Equacio centri g	m	Minuta proportionalia	Longitudo longior g	m	Equacio argumenti g	m	Longitudo propior g	m
0	1	5	59	0	7	60	0	0	0	6	0	0
0	2	5	58	0	14	60	0	1	0	12	0	1
0	3	5	57	0	20	60	0	1	0	18	0	1
0	4	5	56	0	27	60	0	1	0	24	0	1
0	5	5	55	0	33	60	0	2	0	30	0	2
0	6	5	54	0	40	60	0	2	0	36	0	2
0	7	5	53	0	46	60	0	2	0	42	0	2
0	8	5	52	0	52	60	0	3	0	48	0	3
0	9	5	51	0	58	59	0	3	0	54	0	3
0	10	5	50	1	5	59	0	3	1	0	0	3
0	11	5	49	1	11	59	0	4	1	6	0	4
0	12	5	48	1	17	59	0	4	1	11	0	4
0	13	5	47	1	24	58	0	4	1	17	0	5
0	14	5	46	1	30	58	0	4	1	23	0	5
0	15	5	45	1	36	54	0	5	1	28	0	6
0	16	5	44	1	42	57	0	5	1	34	0	6
0	17	5	43	1	49	57	0	5	1	40	0	7
0	18	5	42	2	55	56	0	5	1	45	0	7
0	19	5	41	2	7	56	0	6	1	51	0	8
0	20	5	40	2	7	56	0	6	1	57	0	8
0	21	5	39	2	13	54	0	6	2	2	0	8
0	22	5	38	2	13	54	0	6	2	8	0	9
0	23	5	37	2	25	55	0	7	2	13	0	9
0	24	5	36	2	31	55	0	7	2	18	0	9
0	25	5	35	2	37	53	0	7	2	24	0	10
0	26	5	34	2	43	53	0	7	2	29	0	10
0	27	5	33	2	49	52	0	8	2	34	0	10
0	28	5	32	2	55	52	0	8	2	40	0	11
0	29	5	31	3	1	51	0	8	2	45	0	11
0	30	5	30	3	6	51	0	8	2	50	0	11

Linee numeri communes s	g	s	g	Equacio centri g	m	Minuta proportionalia	Longitudo longior g	m	Equacio argumenti g	m	Longitudo propior g	m
0	31	5	29	3	12	50	0	9	2	55	0	12
0	32	5	28	3	18	54	0	9	3	0	0	12
0	33	5	27	3	23	49	0	9	3	5	0	12
0	34	5	26	3	29	49	0	9	3	10	0	12
0	35	5	25	3	34	48	0	9	3	15	0	13
0	36	5	24	3	39	48	0	9	3	20	0	13
0	37	5	23	3	45	47	0	10	3	25	0	13
0	38	5	22	3	50	46	0	10	3	30	0	14
0	39	5	20	3	55	46	0	10	3	35	0	14
0	40	5	19	4	5	45	0	10	3	40	0	14
0	41	5	18	4	10	45	0	10	3	45	0	15
0	42	5	17	4	15	44	0	11	3	49	0	15
0	43	5	16	4	20	44	0	11	3	54	0	15
0	44	5	15	4	25	43	0	11	3	59	0	16
0	45	5	14	4	30	43	0	11	4	3	0	16
0	46	5	13	4	34	42	0	11	4	8	0	16
0	47	5	12	4	39	41	0	12	4	13	0	17
0	48	5	11	4	44	40	0	12	4	17	0	17
0	49	5	10	4	48	40	0	12	4	22	0	17
0	50	5	9	4	52	39	0	12	4	26	0	18
0	51	5	8	4	56	38	0	12	4	30	0	18
0	52	5	7	4	1	37	0	13	4	34	0	18
0	53	5	6	5	5	36	0	13	4	38	0	19
0	54	5	5	5	9	35	0	14	4	42	0	19
0	55	5	4	5	13	34	0	14	4	46	0	19
0	56	5	3	5	17	33	0	14	4	50	0	19
0	57	5	2	5	21	33	0	14	4	53	0	19
0	58	5	1	5	25	32	0	14	4	54	0	19
0	59	5	1	5	29	31	0	5	5	1	0	20
0	60	5	0	5	[illegible]	30	0	5	5	4	0	20

Tabula equationis saturni secunda

Lineae communes s	g	s	g	Equatio centri g	m	Minuta proportionalia	Longitudo longior g	m	Equatio argumenti g	m	Longitudo propior g	m
1	1	4	59	5	33	29	0	16	5	8	0	20
1	2	4	58	5	37	28	0	16	5	12	0	20
1	3	4	57	5	41	27	0	16	5	17	0	20
1	4	4	56	5	49	26	0	16	5	19	0	20
1	5	4	55	5	47	25	0	16	5	22	0	20
1	6	4	54	5	50	24	0	17	5	25	0	20
1	7	4	53	5	53	23	0	17	5	28	0	22
1	8	4	52	5	56	22	0	17	5	31	0	22
1	9	4	51	5	59	21	0	17	5	34	0	22
1	10	4	50	6	2	20	0	17	5	37	0	22
1	11	4	49	6	5	19	0	17	5	40	0	22
1	12	4	48	6	7	18	0	18	5	42	0	21
1	13	4	47	6	9	16	0	18	5	45	0	21
1	14	4	46	6	12	15	0	18	5	47	0	21
1	15	4	45	6	14	14	0	18	5	49	0	21
1	16	4	44	6	16	13	0	18	5	51	0	21
1	17	4	43	6	18	12	0	18	5	53	0	21
1	18	4	42	6	19	11	0	18	5	55	0	21
1	19	4	41	6	21	9	0	18	5	57	0	22
1	20	4	40	6	22	8	0	18	5	59	0	22
1	21	4	39	6	23	7	0	18	6	0	0	22
1	22	4	38	6	25	6	0	19	6	2	0	22
1	23	4	37	6	26	5	0	19	6	4	0	22
1	24	4	36	6	27	4	0	19	6	5	0	22
1	25	4	35	6	28	3	0	19	6	7	0	22
1	26	4	34	6	28	2	0	19	6	8	0	22
1	27	4	33	6	29	1	0	19	6	9	0	23
1	28	4	32	6	30	1	0	19	6	10	0	23
1	29	4	31	6	30	2	0	19	6	11	0	23
1	30	4	30	6	31	3	0	19	6	11	0	23

Lineae communes s	g	s	g	Equatio centri g	m	Minuta proportionalia	Longitudo longior g	m	Equatio argumenti g	m	Longitudo propior g	m
1	31	4	29	6	31	4	0	19	6	12	0	23
1	32	4	28	6	31	5	0	20	6	12	0	23
1	33	4	27	6	31	6	0	20	6	12	0	23
1	34	4	26	6	31	7	0	20	6	13	0	24
1	35	4	25	6	30	8	0	20	6	13	0	24
1	36	4	24	6	30	9	0	20	6	13	0	24
1	37	4	23	6	29	10	0	20	6	13	0	24
1	38	4	22	6	29	11	0	20	6	13	0	24
1	39	4	21	6	28	12	0	20	6	13	0	24
1	40	4	20	6	28	13	0	21	6	13	0	24
1	41	4	19	6	27	14	0	21	6	13	0	24
1	42	4	18	6	26	15	0	21	6	13	0	25
1	43	4	17	6	25	15	0	21	6	13	0	25
1	44	4	16	6	24	16	0	21	6	13	0	25
1	45	4	15	6	22	17	0	21	6	13	0	25
1	46	4	14	6	21	18	0	21	6	18	0	25
1	47	4	13	6	19	19	0	21	6	7	0	25
1	48	4	12	6	17	20	0	20	6	5	0	25
1	49	4	11	6	16	20	0	20	6	4	0	25
1	50	4	10	6	14	21	0	20	6	2	0	25
1	51	4	9	6	12	22	0	20	6	0	0	25
1	52	4	8	6	10	23	0	20	5	33	0	24
1	53	4	7	6	8	24	0	20	5	57	0	24
1	54	4	6	6	6	25	0	19	5	55	0	24
1	55	4	5	6	4	26	0	19	5	53	0	24
1	56	4	4	6	5	26	0	19	5	51	0	24
1	57	4	3	5	58	27	0	19	5	48	0	24
1	58	4	2	5	55	28	0	19	5	46	0	24
1	59	4	1	5	52	29	0	19	5	49	0	24
1	60	4	0	5	49	30	0	19	5	41	0	24

1329 1330 1332 1333 1334 1336 1337 1338 1340 1341 1342 1344 1345 1347 1349 1351 1353 1355 1357 1358 1359 1361 1363 1364 1366 1367 1368 1369 1370 1371

Tabula equacionis Saturni centri

Linee numeri communes				Longitudo longior		Minuta proportionalia	Equatio argumenti		Equatio centri		Longitudo propior		Linee numeri communes				Equatio centri		Minuta proportionalia	Longitudo longior			Equatio argumenti	
s	g	s	g	g	m	m	g	m	g	m	g	m	s	g	s	g	g	m	m	g	m	"	g	m
2	1	3	59	5	46	20	0	19	5	37	0	23	2	31	3	29	3	18	52	0	12	19	13	3
2	2	3	58	5	43	31	0	19	5	34	0	23	2	32	3	28	3	12	53	0	11	13	13	3
2	3	3	57	5	40	32	0	19	5	31	0	23	2	33	3	27	3	6	53	0	11	7	13	3
2	4	3	56	5	36	33	0	19	5	28	0	23	2	34	3	26	2	59	54	0	11	1	12	3
2	5	3	55	5	32	33	0	19	5	24	0	22	2	35	3	25	2	53	54	0	10	54	12	2
2	6	3	54	5	28	34	0	18	5	21	0	22	2	36	3	24	2	46	55	0	10	48	12	2
2	7	3	53	5	24	35	0	18	5	18	0	22	2	37	3	23	2	40	55	0	9	42	11	2
2	8	3	52	5	20	36	0	18	5	14	0	22	2	38	3	22	2	34	56	0	9	36	11	2
2	9	3	51	5	16	37	0	18	5	10	0	21	2	39	3	21	2	27	56	0	8	29	11	2
2	10	3	50	5	12	37	0	17	5	6	0	21	2	40	3	20	2	21	57	0	8	23	10	2
2	11	3	49	5	8	38	0	17	5	2	0	21	2	41	3	19	2	14	57	0	7	16	10	2
2	12	3	48	5	3	39	0	17	4	58	0	21	2	42	3	18	2	7	57	0	7	9	10	2
2	13	3	47	4	58	40	0	17	4	54	0	20	2	43	3	17	2	0	58	0	6	2	9	2
2	14	3	46	4	53	41	0	17	4	50	0	20	2	44	3	16	1	53	58	0	6	55	9	1
2	15	3	45	4	48	42	0	16	4	45	0	20	2	45	3	15	1	46	58	0	6	48	8	1
2	16	3	44	4	43	42	0	16	4	41	0	19	2	46	3	14	1	39	59	0	5	41	8	1
2	17	3	43	4	38	43	0	16	4	36	0	19	2	47	3	13	1	32	59	0	5	34	7	1
2	18	3	42	4	33	44	0	16	4	31	0	19	2	48	3	12	1	25	59	0	5	27	7	1
2	19	3	41	4	28	44	0	16	4	26	0	18	2	49	3	11	1	18	59	0	5	20	6	1
2	20	3	40	4	23	45	0	15	4	21	0	18	2	50	3	10	1	11	60	0	4	13	6	1
2	21	3	39	4	17	46	0	15	4	16	0	18	2	51	3	9	1	4	60	0	4	6	5	1
2	22	3	38	4	12	46	0	15	4	11	0	17	2	52	3	8	0	57	60	0	4	59	5	0
2	23	3	37	4	6	47	0	15	4	6	0	17	2	53	3	7	0	50	60	0	3	52	4	0
2	24	3	36	4	0	48	0	14	4	0	0	17	2	54	3	6	0	42	60	0	3	45	4	0
2	25	3	35	3	54	44	0	14	3	55	0	16	2	55	3	5	0	36	60	0	3	38	3	0
2	26	3	34	3	48	49	0	14	3	40	0	16	2	56	3	4	0	29	60	0	2	31	3	0
2	27	3	33	3	42	50	0	13	3	43	0	15	2	57	3	3	0	22	60	0	2	23	2	0
2	28	3	32	3	36	50	0	13	3	37	0	15	2	58	3	2	0	14	60	0	1	16	2	0
2	29	3	31	3	30	51	0	13	3	31	0	14	2	59	3	1	0	8	60	0	1	8	1	0
2	30	3	30	3	24	51	0	13	3	24	0	14	2	60	3	0	0	0	60	0	0	0	0	0

Tabula equacionis Jovis prima

Linee communes				Equacio centri		minuta proportionalia	longitudo longior		Equacio argumenti		longitudo propior	
s	g	s	g	g	m		g	m	g	m	g	m
0	1	5	59	0	6	60	0	0	0	10	0	0
0	2	5	58	0	12	60	0	1	0	20	0	1
0	3	5	57	0	18	60	0	1	0	29	0	1
0	4	5	56	0	24	60	0	1	0	39	0	1
0	5	5	55	0	30	60	0	2	0	49	0	2
0	6	5	54	0	36	60	0	2	0	58	0	2
0	7	5	53	0	42	60	0	2	1	8	0	2
0	8	5	52	0	48	60	0	3	1	18	0	3
0	9	5	51	0	53	60	0	3	1	28	0	3
0	10	5	50	0	59	60	0	3	1	37	0	3
0	11	5	49	1	5	60	0	4	1	47	0	4
0	12	5	48	1	11	60	0	4	1	57	0	4
0	13	5	47	1	17	59	0	4	2	6	0	5
0	14	5	46	1	23	59	0	5	2	15	0	5
0	15	5	45	1	28	59	0	5	2	24	0	5
0	16	5	44	1	34	59	0	5	2	34	0	6
0	17	5	43	1	40	59	0	6	2	43	0	6
0	18	5	42	1	45	58	0	6	2	52	0	7
0	19	5	41	1	51	58	0	6	3	2	0	7
0	20	5	40	1	57	58	0	7	3	11	0	8
0	21	5	39	2	2	57	0	7	3	20	0	8
0	22	5	38	2	8	57	0	7	3	30	0	8
0	23	5	37	2	13	57	0	8	3	39	0	9
0	24	5	36	2	18	56	0	8	3	48	0	9
0	25	5	35	2	24	56	0	8	3	57	0	9
0	26	5	34	2	30	55	0	9	4	6	0	10
0	27	5	33	2	35	55	0	9	4	15	0	10
0	28	5	32	2	41	54	0	9	4	24	0	10
0	29	5	31	2	46	54	0	10	4	33	0	11
0	30	5	30	2	51	53	0	10	4	42	0	11

Linee communes				Equacio centri		minuta proportionalia	longitudo longior		Equacio argumenti		longitudo propior	
s	g	s	g	g	m		g	m	g	m	g	m
0	31	5	29	3	56	52	0	10	4	51	0	11
0	32	5	28	3	1	51	0	11	5	0	0	12
0	33	5	27	3	6	51	0	11	5	8	0	12
0	34	5	26	3	11	50	0	11	5	16	0	12
0	35	5	25	3	17	50	0	12	5	25	0	13
0	36	5	24	3	21	49	0	12	5	34	0	13
0	37	5	23	3	36	49	0	12	5	43	0	13
0	38	5	22	3	31	48	0	13	5	52	0	14
0	39	5	21	3	36	47	0	13	6	0	0	14
0	40	5	20	3	41	47	0	13	6	9	0	14
0	41	5	19	3	45	46	0	14	6	19	0	15
0	42	5	18	3	49	46	0	14	6	25	0	15
0	43	5	17	3	59	45	0	14	6	33	0	15
0	44	5	16	3	3	44	0	15	6	41	0	16
0	45	5	15	4	8	43	0	15	6	49	0	16
0	46	5	14	4	12	43	0	15	6	57	0	17
0	47	5	13	4	16	42	0	16	17	5	0	17
0	48	5	12	4	20	41	0	16	17	12	0	18
0	49	5	11	4	24	40	0	16	17	21	0	18
0	50	5	10	4	28	39	0	17	17	20	0	19
0	51	5	9	4	32	38	0	17	17	35	0	19
0	52	5	8	4	36	37	0	17	17	43	0	19
0	53	5	7	4	39	36	0	18	17	50	0	20
0	54	5	6	4	43	35	0	18	17	57	0	20
0	55	5	5	4	47	34	0	18	18	4	0	20
0	56	5	4	4	50	33	0	19	18	11	0	21
0	57	5	3	4	54	33	0	19	18	17	0	21
0	58	5	2	4	58	32	0	19	18	24	0	21
0	59	5	1	4	58	31	0	20	18	31	0	22
0	60	5	0	4	1	30	0	20	18	37	0	22

Stacio [illegible] Jovis

S	♈	♈	♈	♈	♈	♈	♉	♉	♉	♉	♉	♊	♊	♊	♋	♋	♋	♌	♌	♌	♍	♍	♎	♎	♏	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
g	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
S	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
g	18	19	20	21	22	22	24	25	26	27	28	29	30	31	32	33	34	35	37	[illegible]	40	42	43	44	46	48	49	51	52	54
S	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
S	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

Tabula equacionis Jovis secunda

Linee numeres		mri co		Equa. centri		minuta proporcionalia	Longitudo longior		Equa. centri		Longitudo propior		Linee numeres		mri co		Equa. centri		minuta proporcionalia	Longitudo longior		Equa. argumenti		Longitudo propior	
s	g	s	g	g	m		g	m	g	m	g	m	s	g	s	g	g	m	m	g	m	g	m	g	m
1	1	4	59	5	7	29	0	20	8	44	0	22	1	31	4	29	5	57	3	0	27	10	53	0	31
1	2	4	58	5	9	28	0	21	8	50	0	23	1	32	4	28	5	57	4	0	28	10	55	0	31
1	3	4	57	5	12	27	0	21	8	56	0	23	1	33	4	27	5	57	5	0	28	10	57	0	31
1	4	4	56	5	15	26	0	21	9	2	0	23	1	34	4	26	5	57	5	0	28	10	59	0	31
1	5	4	55	5	18	25	0	22	9	8	0	24	1	35	4	25	5	57	6	0	28	11	0	0	31
1	6	4	54	5	20	24	0	22	9	14	0	24	1	36	4	24	5	57	7	0	28	11	1	0	31
1	7	4	53	5	23	23	0	22	9	20	0	24	1	37	4	23	5	56	8	0	28	11	2	0	32
1	8	4	52	5	26	21	0	23	9	26	0	25	1	38	4	22	5	56	9	0	28	11	2	0	32
1	9	4	51	5	28	20	0	23	9	31	0	25	1	39	4	21	5	55	10	0	29	11	3	0	32
1	10	4	50	5	31	19	0	23	9	36	0	25	1	40	4	20	5	55	11	0	29	11	3	0	32
1	11	4	49	5	33	18	0	24	9	41	0	26	1	41	4	19	5	54	12	0	29	11	3	0	32
1	12	4	48	5	35	17	0	24	9	46	0	26	1	42	4	18	5	53	13	0	29	11	3	0	32
1	13	4	47	5	37	16	0	24	9	51	0	26	1	43	4	17	5	52	14	0	29	11	3	0	32
1	14	4	46	5	39	15	0	25	9	56	0	27	1	44	4	16	5	51	15	0	29	11	2	0	32
1	15	4	45	5	41	14	0	25	10	0	0	27	1	45	4	15	5	49	16	0	29	11	2	0	32
1	16	4	44	5	43	13	0	25	10	5	0	27	1	46	4	14	5	48	17	0	29	11	1	0	32
1	17	4	43	5	45	12	0	25	10	9	0	28	1	47	4	13	5	46	18	0	30	11	0	0	33
1	18	4	42	5	46	11	0	26	10	13	0	28	1	48	4	12	5	44	19	0	30	10	59	0	33
1	19	4	41	5	48	10	0	26	10	17	0	28	1	49	4	11	5	43	20	0	30	10	57	0	33
1	20	4	40	5	49	9	0	26	10	21	0	29	1	50	4	10	5	41	21	0	30	10	55	0	33
1	21	4	39	5	50	8	0	26	10	27	0	29	1	51	4	9	5	39	22	0	30	10	53	0	33
1	22	4	38	5	51	7	0	26	10	29	0	29	1	52	4	8	5	37	22	0	30	10	51	0	33
1	23	4	37	5	52	6	0	26	10	32	0	29	1	53	4	7	5	35	23	0	30	10	48	0	33
1	24	4	36	5	53	5	0	27	10	35	0	30	1	54	4	6	5	33	24	0	30	10	45	0	33
1	25	4	35	5	54	4	0	27	10	38	0	30	1	55	4	5	5	31	25	0	30	10	42	0	33
1	26	4	34	5	55	3	0	27	10	41	0	30	1	56	4	4	5	29	26	0	30	10	39	0	33
1	27	4	33	5	55	2	0	27	10	44	0	30	1	57	4	3	5	27	27	0	30	10	35	0	33
1	28	4	32	5	56	1	0	27	10	47	0	30	1	58	4	2	5	28	28	0	30	10	31	0	33
1	29	4	31	5	56	0	0	27	10	49	0	30	1	59	4	1	5	27	29	0	29	10	7	0	33
1	30	4	30	5	57	2	0	27	10	51	0	30	1	0	4	0	5	30	30	0	29	10	23	0	33

Tabula equationis Jovis 3a

Linee communes s	g	s	g	Equatio centri g	m	minuta proportionalia	Longitudo longior g	m	Equatio argumenti g	m	Longitudo propior g	m
2	1	3	59	5	16	31	0	29	10	19	0	32
2	2	3	58	5	13	32	0	29	10	15	0	32
2	3	3	57	5	10	33	0	29	10	10	0	32
2	4	3	56	5	6	34	0	20	10	5	0	32
2	5	3	55	5	3	35	0	29	10	0	0	32
2	6	3	54	4	59	36	0	29	9	54	0	32
2	7	3	53	4	55	37	0	28	9	48	0	31
2	8	3	52	4	51	38	0	28	9	42	0	31
2	9	3	51	4	47	39	0	28	9	36	0	31
2	10	3	50	4	43	40	0	28	9	30	0	31
2	11	3	49	4	39	41	0	28	9	29	0	31
2	12	3	48	4	35	41	0	28	9	17	0	31
2	13	3	47	4	31	42	0	27	9	10	0	30
2	14	3	46	4	27	43	0	27	8	2	0	30
2	15	3	45	4	22	43	0	27	8	54	0	30
2	16	3	44	4	18	44	0	26	8	47	0	30
2	17	3	43	4	13	45	0	26	8	39	0	29
2	18	3	42	4	8	46	0	26	8	31	0	29
2	19	3	41	4	0	46	0	25	8	22	0	28
2	20	3	40	3	59	47	0	25	8	13	0	28
2	21	3	39	3	54	47	0	25	8	4	0	27
2	22	3	38	3	49	48	0	24	8	54	0	27
2	23	3	37	3	44	48	0	24	7	52	0	26
2	24	3	36	3	38	49	0	24	7	45	0	26
2	25	3	35	3	33	49	0	23	7	36	0	25
2	26	3	34	3	28	50	0	23	7	26	0	24
2	27	3	33	3	22	50	0	23	7	16	0	24
2	28	3	32	3	17	51	0	22	7	6	0	23
2	29	3	31	3	12	51	0	22	6	57	0	23
2	30	3	30	3	6	52	0	21	6	34	0	21

Linee communes s	g	s	g	Equatio centri g	m	minuta proportionalia	Longitudo longior g	m	Equatio argumenti g	m	Longitudo propior g	m	s	s	g
2	31	3	29	3	1	53	0	21	6	23	0	22	2	7	0
2	32	3	28	2	55	53	0	20	6	12	0	22	2	7	1
2	33	3	27	2	49	53	0	19	6	0	0	20	2	7	2
2	34	3	26	2	44	53	0	19	5	48	0	20	2	7	2
2	34	3	25	2	38	54	0	18	5	36	0	19	2	7	3
2	35	3	24	2	32	54	0	17	5	24	0	18	2	7	4
2	36	3	23	2	26	55	0	17	5	12	0	18	2	7	5
2	37	3	22	2	20	55	0	16	5	0	0	17	2	7	5
2	39	3	21	2	14	56	0	15	4	47	0	16	2	7	6
2	40	3	20	2	8	56	0	15	4	35	0	16	2	7	6
2	41	3	19	2	2	57	0	14	4	22	0	15	2	7	7
2	42	3	18	1	56	57	0	13	4	9	0	14	2	7	7
2	43	3	17	1	50	57	0	13	3	56	0	14	2	7	8
2	44	3	16	1	43	58	0	12	3	42	0	13	2	7	8
2	45	3	15	1	37	58	0	11	3	29	0	12	2	7	9
2	46	3	14	1	30	58	0	11	3	26	0	12	2	7	9
2	47	3	13	1	24	59	0	10	3	3	0	11	2	7	9
2	48	3	12	1	18	59	0	9	2	49	0	10	2	7	10
2	49	3	11	1	12	59	0	9	2	35	0	10	2	7	10
2	50	3	10	1	11	59	0	8	2	21	0	9	2	7	10
2	51	3	9	0	59	59	0	7	2	7	0	8	2	7	10
2	52	3	8	0	52	59	0	6	1	53	0	7	2	7	10
2	53	3	7	0	46	59	0	6	1	39	0	7	2	7	10
2	54	3	6	0	39	59	0	5	1	35	0	6	2	7	11
2	55	3	5	0	33	59	0	5	1	11	0	5	2	7	11
2	56	3	4	0	27	59	0	4	0	57	0	4	2	7	11
2	57	3	3	0	20	59	0	3	0	43	0	3	2	7	11
2	58	3	2	0	14	59	0	2	0	29	0	2	2	7	11
2	59	3	1	0	7	59	0	1	0	17	0	1	2	7	11
2	0	3	0	0	0	59	0	0	0	0	0	0	2	7	11

[illegible]

Tabula equacionis martis prima

Linee numeri communes s	g	s	g	Equacio centri g	m	minuta proportionalia	Longitudo longior g	m	Equacio argumenti g	m	Longitudo propior g	m	Statio S	G	M
0	1	5	59	0	11	60	0	2	0	24	0	2			
0	2	5	58	0	22	60	0	3	0	48	0	3			
0	3	5	57	0	33	60	0	4	1	12	0	4			
0	4	5	56	0	44	60	0	6	1	36	0	6			
0	5	5	55	0	55	60	0	7	2	0	0	7			
0	6	5	54	1	5	60	0	8	2	24	0	9			
0	7	5	53	1	16	59	0	10	2	48	0	10			
0	8	5	52	1	27	59	0	11	3	12	0	12			
0	9	5	51	1	38	59	0	12	3	36	0	13			
0	10	5	50	1	49	59	0	14	3	59	0	15			
0	11	5	49	2	0	59	0	15	4	23	0	16			
0	12	5	48	2	10	59	0	16	4	46	0	18			
0	13	5	47	2	21	58	0	18	5	10	0	20			
0	14	5	46	2	32	58	0	19	5	34	0	21			
0	15	5	45	2	42	58	0	20	5	57	0	23			
0	16	5	44	2	53	57	0	22	6	21	0	24			
0	17	5	43	3	3	57	0	23	6	44	0	26			
0	18	5	42	3	13	57	0	24	7	8	0	28			
0	19	5	41	3	24	56	0	26	7	32	0	29			
0	20	5	40	3	35	56	0	27	7	56	0	31			
0	21	5	39	3	45	56	0	28	8	19	0	32			
0	22	5	38	3	56	55	0	30	8	43	0	34			
0	23	5	37	4	6	55	0	32	9	6	0	35			
0	24	5	36	4	16	55	0	33	9	30	0	37			
0	25	5	35	4	26	54	0	35	9	54	0	38			
0	26	5	34	4	36	54	0	37	10	18	0	40			
0	27	5	33	4	46	53	0	38	10	41	0	41			
0	28	5	32	4	56	53	0	40	11	5	0	43			
0	29	5	31	5	6	52	0	41	11	28	0	44			
0	30	5	30	5	16	52	0	42	11	51	0	46			
0	31	5	29	5	26	51	0	44	12	15	0	48	2	38	18
0	32	5	28	5	36	51	0	45	12	26	0	50	2	38	21
0	33	5	27	5	45	50	0	47	13	1	0	51	2	38	24
0	34	5	26	5	55	50	0	48	13	25	0	53	2	38	27
0	35	5	25	6	4	49	0	50	13	48	0	55	2	38	30
0	36	5	24	6	13	49	0	51	14	11	0	56	2	38	33
0	37	5	23	6	22	48	0	53	14	34	0	58	2	38	37
0	38	5	22	6	31	47	0	54	14	57	1	0	2	38	41
0	39	5	21	6	40	47	0	56	15	20	1	1	2	38	45
0	40	5	20	6	49	46	0	57	15	43	1	3	2	38	49
0	41	5	19	6	58	45	0	59	16	6	1	5	2	38	53
0	42	5	18	7	7	45	0	0	16	23	1	6	2	38	57
0	43	5	17	7	16	44	1	2	16	52	1	8	2	39	2
0	44	5	16	7	24	44	1	3	17	15	1	10	2	39	6
0	45	5	15	7	32	43	1	5	18	39	1	11	2	39	9
0	46	5	14	7	41	42	1	6	18	1	1	13	2	39	13
0	47	5	13	7	49	41	1	8	18	29	1	15	2	39	17
0	48	5	12	7	57	40	1	9	18	48	1	16	2	39	21
0	49	5	11	8	5	40	1	11	19	9	1	18	2	39	26
0	50	5	10	8	13	39	1	12	19	31	1	20	2	39	31
0	51	5	9	8	20	38	1	12	19	53	1	22	2	39	36
0	52	5	8	8	27	37	1	15	20	16	1	24	2	39	41
0	53	5	7	8	34	36	1	17	20	38	1	26	2	39	46
0	54	5	6	8	42	35	1	18	21	0	1	28	2	39	51
0	55	5	5	8	50	34	1	20	21	22	1	30	2	39	56
0	56	5	4	8	57	33	1	21	21	44	1	32	2	39	1
0	57	5	3	9	4	32	1	23	22	7	1	34	2	40	6
0	58	5	2	9	11	31	1	24	22	29	1	36	2	40	11
0	59	5	1	9	18	30	1	26	22	51	1	38	2	40	16
0	0	5	0	9	24	39	1	27	23	13	1	40	2	40	21

Statio prima

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
M	28	29	30	31	32	33	34	35	36	37	38	39	40	42	44	45	46	49	51	52	54	56	59	2	4	6	9	12	15	
G	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	38	38	38	38	38	38
S	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

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Tabula equationis martis secunda 2a

Linee numeri communes				Equatio centri		minuta proportionalia	Longitudo longior		Equatio argumenti		Longitudo propior	
s	g	s	g	g	m		g	m	g	m	g	m
1	1	4	59	9	31	29	1	39	23	37	1	42
1	2	4	58	9	37	28	1	30	23	37	1	44
1	3	4	57	9	43	27	1	32	24	18	1	46
1	4	4	56	9	49	26	1	34	24	40	1	48
1	5	4	55	9	55	24	1	36	25	1	1	50
1	6	4	54	10	0	24	1	37	25	22	1	53
1	7	4	53	10	5	23	1	39	25	44	1	55
1	8	4	52	10	10	22	1	41	26	5	1	57
1	9	4	51	10	15	21	1	43	26	26	1	59
1	10	4	50	10	20	20	1	45	26	47	2	1
1	11	4	49	10	24	19	1	47	27	8	2	3
1	12	4	48	10	29	18	1	49	27	29	2	6
1	13	4	47	10	34	17	1	51	27	50	2	8
1	14	4	46	10	38	16	1	53	28	11	2	10
1	15	4	45	10	42	15	1	55	28	31	2	12
1	16	4	44	10	46	14	1	57	28	52	2	14
1	17	4	43	10	50	13	1	59	29	12	2	16
1	18	4	42	10	53	12	1	1	29	32	2	19
1	19	4	41	10	57	11	1	3	29	52	2	21
1	20	4	40	11	0	10	1	5	30	12	2	23
1	21	4	39	11	3	9	1	8	30	32	2	16
1	22	4	38	11	6	8	1	10	30	52	2	18
1	23	4	37	11	9	7	1	12	31	11	2	30
1	24	4	36	11	12	6	1	14	31	30	2	32
1	25	4	35	11	15	5	1	16	31	49	2	35
1	26	4	34	11	17	4	1	18	32	8	2	38
1	27	4	33	11	19	3	1	20	32	27	2	41
1	28	4	32	11	21	2	1	23	32	46	2	43
1	29	4	31	11	22	1	1	25	33	4	2	46
1	30	4	30	11	23	0	1	27	33	22	2	49

Linee numeri communes				Equatio centri		minuta proportionalia	Longitudo longior		Equatio argumenti		Longitudo propior		Stacio prima		
s	g	s	g	g	m		g	m	g	m	g	m	S	G	M
1	31	4	29	11	23	4	2	30	33	50	2	52	2	43	31
1	32	4	28	11	24	5	2	32	33	58	2	55	2	43	36
1	33	4	27	11	24	6	2	35	34	14	2	57	2	43	41
1	34	4	26	11	24	7	2	37	34	32	3	0	2	43	46
1	35	4	25	11	24	8	2	39	34	49	3	3	2	43	51
1	36	4	24	11	24	9	2	42	35	6	3	6	2	43	57
1	37	4	23	11	23	10	2	44	35	23	3	9	2	44	3
1	38	4	22	11	23	11	2	47	35	40	3	12	2	44	9
1	39	4	21	11	22	12	2	49	35	56	3	15	2	44	14
1	40	4	20	11	21	13	2	51	36	12	3	19	2	44	20
1	41	4	19	11	20	14	2	54	36	28	3	22	2	44	26
1	42	4	18	11	19	15	2	56	36	43	3	25	2	44	31
1	43	4	17	11	17	16	2	59	36	58	3	28	2	44	36
1	44	4	16	11	17	16	3	1	37	13	3	32	2	44	42
1	45	4	15	11	13	17	3	4	37	27	3	36	2	44	48
1	46	4	14	11	11	18	3	7	37	41	3	39	2	44	53
1	47	4	13	11	9	19	3	10	37	55	3	43	2	44	59
1	48	4	12	11	6	20	3	13	38	9	3	47	2	45	5
1	49	4	11	11	3	21	3	16	38	23	3	50	2	45	11
1	50	4	10	11	0	22	3	19	38	36	3	54	2	45	17
1	51	4	9	10	57	22	3	22	38	48	3	58	2	45	22
1	52	4	8	10	53	23	3	25	39	1	4	1	2	45	28
1	53	4	7	10	49	24	3	28	39	13	4	5	2	45	34
1	54	4	6	10	45	25	3	32	39	24	4	9	2	45	39
1	55	4	5	10	41	26	3	35	39	35	4	13	2	45	44
1	56	4	4	10	37	27	3	39	39	45	4	17	2	45	49
1	57	4	3	10	33	27	3	43	39	56	4	21	2	45	55
1	58	4	2	10	29	28	3	46	40	5	4	26	2	46	0
1	59	4	1	10	25	29	3	50	40	14	4	30	2	46	6
1	0	4	0	10	21	30	3	54	40	23	4	35	2	46	11

Stacio [illegible]

S	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
G	40	40	40	40	40	[illegible]	41	41	41	41	41	41	41	41	41	41	42	42	42	42	42	42	42	42	42	42	43	43	43	43
M	27	33	39	44	50	[illegible]	2	8	14	19	25	31	37	43	50	56	2	9	15	21	28	34	40	47	53	59	6	12	18	25

Tabula equacionis martis 3ª Tercia

Linee numeri communes S	G	S	G	Equacio centri G	M	Minuta proportionalia	In longitudine longiori G	M	Equacio argumenti G	M	Longitudo propior G	M
2	1	3	59	10	17	30	4	57	40	30	4	40
2	2	3	58	10	12	31	4	0	40	37	4	45
2	3	3	57	10	6	32	4	4	40	44	4	50
2	4	3	56	10	0	33	4	7	40	49	4	55
2	5	3	55	9	54	34	4	10	40	54	5	0
2	6	3	54	9	48	35	4	12	40	59	5	5
2	7	3	53	9	41	36	4	17	41	2	5	10
2	8	3	52	9	34	37	4	21	41	5	5	15
2	9	3	51	9	27	38	4	24	41	8	5	21
2	10	3	50	9	20	39	4	28	41	9	5	26
2	11	3	49	9	13	40	4	31	41	10	5	31
2	12	3	48	9	5	41	4	35	41	10	5	37
2	13	3	47	8	57	41	4	38	41	7	5	43
2	14	3	46	8	49	42	4	41	41	4	5	49
2	15	3	45	8	41	42	4	45	41	0	5	55
2	16	3	44	8	32	43	4	48	40	5	6	1
2	17	3	43	8	23	44	4	52	40	10	6	8
2	18	3	42	8	14	45	4	56	40	45	6	14
2	19	3	41	8	5	46	4	59	40	39	6	21
2	20	3	40	7	56	47	5	3	40	31	6	27
2	21	3	39	7	47	47	5	7	40	21	6	34
2	22	3	38	7	37	48	5	11	40	8	6	41
2	23	3	37	7	27	48	5	14	39	53	6	47
2	24	3	36	7	17	49	5	18	39	37	6	53
2	25	3	35	7	7	49	5	22	39	20	6	59
2	26	3	34	6	57	50	5	27	39	1	7	6
2	27	3	33	6	47	50	5	28	38	40	7	12
2	28	3	32	6	37	50	5	30	38	16	7	18
2	29	3	31	6	26	51	5	32	37	51	7	24
2	30	3	30	6	16	51	5	34	37	25	7	30

Linee numeri communes S	G	S	G	Equacio centri G	M	Minuta proportionalia	In longitudine longiori G	M	Equacio argumenti ad quam G	M	Longitudo propior G	M	Stacio prima martis S	G	M
2	31	3	29	6	5	52	5	36	36	57	7	35	2	48	27
2	32	3	28	5	54	52	5	37	36	25	7	40	2	48	28
2	33	3	27	5	43	53	5	38	35	52	7	45	2	48	31
2	34	3	26	5	32	53	5	38	35	14	7	50	2	48	35
2	35	3	25	5	21	54	5	38	34	35	7	54	2	48	38
2	36	3	24	5	9	55	5	38	33	52	7	58	2	48	41
2	37	3	23	4	57	55	5	37	33	7	8	0	2	48	43
2	38	3	22	4	45	56	5	36	32	40	8	2	2	48	45
2	39	3	21	4	32	56	5	34	31	30	8	3	2	48	47
2	40	3	20	4	20	57	5	30	30	36	8	2	2	48	49
2	41	3	19	4	8	57	5	27	29	38	8	0	2	48	51
2	42	3	18	3	55	58	5	18	28	33	7	58	2	48	53
2	43	3	17	3	43	58	5	10	27	38	7	55	2	48	55
2	44	3	16	3	31	58	5	1	26	16	7	51	2	48	57
2	45	3	15	3	18	58	4	52	25	3	7	47	2	48	59
2	46	3	14	3	5	58	4	41	23	44	7	34	2	49	1
2	47	3	13	2	52	59	4	30	22	24	7	26	2	49	3
2	48	3	12	2	39	59	4	18	21	0	7	6	2	49	5
2	49	3	11	2	26	59	4	4	19	29	6	42	2	49	6
2	50	3	10	2	13	59	3	38	17	58	6	16	2	49	7
2	51	3	9	1	59	59	3	32	16	26	5	49	2	49	8
2	52	3	8	1	46	59	3	12	14	41	5	22	2	49	9
2	53	3	7	1	33	59	2	50	13	1	4	54	2	49	10
2	54	3	6	1	20	59	2	27	11	17	4	26	2	49	11
2	55	3	5	1	7	60	2	4	9	27	3	46	2	49	12
2	56	3	4	0	54	60	1	40	7	37	3	3	2	49	13
2	57	3	3	0	40	60	1	16	5	47	2	20	2	49	14
2	58	3	2	0	27	60	0	51	3	52	1	34	2	49	14
2	59	3	1	0	14	60	0	26	1	57	0	47	2	49	14
2	60	3	0	0	0	60	0	0	0	0	0	0	2	49	15

Stacio prima martis

S	G	M
2	46	11
2	46	16
2	46	21
2	46	26
2	46	31
2	46	36
2	46	41
2	46	46
2	46	51
2	46	56
2	47	1
2	47	6
2	47	11
2	47	16
2	47	20
2	47	24
2	47	29
2	47	33
2	47	37
2	47	41
2	47	45
2	47	49
2	47	53
2	47	57
2	48	1
2	48	5
2	48	8
2	48	11
2	48	14
2	48	18
2	48	21

Tabula equationis Veneris prima

Linee numeri communes				Equatio centri		minuta proportionalia longior	longitudo longior		Equatio argumenti		longitudo propior	
s	g	s	g	g	m	ha	g	m	g	m	g	m
0	1	5	59	0	2	60	0	1	0	36	0	0
0	2	5	58	0	4	60	0	1	0	51	0	1
0	3	5	57	0	6	60	0	1	1	16	0	1
0	4	5	56	0	9	60	0	1	1	41	0	1
0	5	5	55	0	11	60	0	1	2	6	0	2
0	6	5	54	0	13	60	0	1	2	31	0	2
0	7	5	53	0	15	60	0	1	2	56	0	2
0	8	5	52	0	17	59	0	1	3	21	0	3
0	9	5	51	0	19	59	0	2	3	46	0	3
0	10	5	50	0	21	59	0	2	4	11	0	3
0	11	5	49	0	24	59	0	2	4	36	0	4
0	12	5	48	0	26	59	0	3	5	1	0	4
0	13	5	47	0	28	58	0	3	5	26	0	4
0	14	5	46	0	30	58	0	3	5	51	0	5
0	15	5	45	0	32	58	0	4	6	16	0	5
0	16	5	44	0	34	57	0	4	6	41	0	5
0	17	5	43	0	36	57	0	5	7	6	0	6
0	18	5	42	0	38	57	0	5	7	31	0	6
0	19	5	41	0	41	56	0	5	7	56	0	6
0	20	5	40	0	43	56	0	6	8	21	0	7
0	21	5	39	0	45	56	0	6	8	46	0	7
0	22	5	38	0	47	55	0	6	9	11	0	7
0	23	5	37	0	49	55	0	7	9	36		8
0	24	5	36	0	51	55	0	7	10	1		8
0	25	5	35	0	53	54	0	7	10	26		8
0	26	5	34	0	55	54	0	8	10	51		9
0	27	5	33	0	57	53	0	8	11	16		9
0	28	5	32	0	59	53	0	8	11	41		9
0	29	5	31	0	1	52	0	9	12	6		10
0	30	5	30	0	3	52	0	9	12	30		10

Linee numeri communes				Equatio centri		minuta proportionalia longior	longitudo longior		Equatio argumenti		longitudo propior		[...] prima Veneris		
s	g	s	g	g	m	ha	g	m	g	m	g	m		g	m
0	31	5	29	1	5	51	0	9	12	55	0	10	2	46	1
0	32	5	28	1	7	51	0	10	13	20	0	11	2	46	2
0	33	5	27	1	9	50	0	10	13	44	0	11	2	46	3
0	34	5	26	1	10	50	0	10	14	9	0	11	2	46	4
0	35	5	25	1	12	49	0	11	14	34	0	11	2	46	5
0	36	5	24	1	14	49	0	11	14	58	0	12	2	46	6
0	37	5	23	1	16	48	0	11	15	23	0	12	2	46	7
0	38	5	22	1	17	48	0	12	15	48	0	12	2	46	8
0	39	5	21	1	19	47	0	12	16	12	0	12	2	46	9
0	40	5	20	1	21	47	0	12	16	37	0	13	2	46	10
0	41	5	19	1	22	46	0	13	17	1	0	13	2	46	11
0	42	5	18	1	24	45	0	13	17	25	0	13	2	46	12
0	43	5	17	1	26	45	0	13	17	49	0	13	2	46	13
0	44	5	16	1	27	44	0	14	18	14	0	14	2	46	14
0	45	5	15	1	29	43	0	14	18	38	0	14	2	46	15
0	46	5	14	1	31	42	0	14	19	3	0	14	2	46	16
0	47	5	13	1	32	42	0	15	19	27	0	15	2	46	17
0	48	5	12	1	34	41	0	15	19	51	0	15	2	46	18
0	49	5	11	1	36	40	0	15	20	15	0	15	2	46	19
0	50	5	10	1	37	40	0	16	20	39	0	16	2	46	20
0	51	5	9	1	39	39	0	16	21	3	0	16	2	46	21
0	52	5	8	1	40	38	0	16	21	27	0	16	2	46	22
0	53	5	7	1	42	37	0	17	21	51	0	17	2	46	23
0	54	5	6	1	43	36	0	17	22	15	0	17	2	46	24 (24)
0	55	5	5	1	44	35	0	17	22	39	0	17	2	46	26
0	56	5	4	1	46	34	0	18	23	13	0	18	2	46	27
0	57	5	3	1	47	33	0	18	23	27	0	18	2	46	28
0	58	5	2	1	48	32	0	18	23	51	0	18	2	46	29
0	59	5	1	1	50	31	0	19	23	14	0	19	2	46	30
0	0	5	0	1	51	30	0	19	23	38	0	19	2	46	



Tabula equationis veneris Secunda

Linee numeri (s)	(g)	numeri (s)	(g)	Equatio centri (g)	(m)	minuta proportionalia	Longitudo longior (g)	(m)	Equatio argumenti (g)	(m)	Longitudo propior (g)	(m)
1	1	4	59	1	52	29	0	0	25	2	0	24
1	2	4	58	1	53	28	0	20	25	25	0	20
1	3	4	57	1	54	27	0	20	25	44	0	20
1	4	4	56	1	55	26	0	20	26	11	0	21
1	5	4	55	1	56	25	0	21	26	34	0	21
1	6	4	54	1	57	24	0	21	26	57	0	22
1	7	4	53	1	58	23	0	21	27	20	0	22
1	8	4	52	2	59	22	0	22	27	43	0	23
1	9	4	51	2	0	21	0	22	28	6	0	23
1	10	4	50	2	1	21	0	22	28	29	0	24
1	11	4	49	2	1	19	0	23	28	52	0	24
1	12	4	48	2	2	18	0	23	29	14	0	25
1	13	4	47	2	3	17	0	23	29	37	0	25
1	14	4	46	2	3	16	0	24	29	59	0	26
1	15	4	45	2	4	15	0	24	30	21	0	27
1	16	4	44	2	5	14	0	24	30	43	0	27
1	17	4	43	2	5	13	0	25	31	5	0	28
1	18	4	42	2	6	12	0	25	31	27	0	28
1	19	4	41	2	6	11	0	25	31	49	0	29
1	20	4	40	2	7	10	0	26	32	11	0	29
1	21	4	39	2	7	9	0	26	32	33	0	30
1	22	4	38	2	8	8	0	26	32	55	0	30
1	23	4	37	2	8	7	0	27	33	17	0	31
1	24	4	36	2	9	6	0	27	33	38	0	31
1	25	4	35	2	9	5	0	27	34	0	0	32
1	26	4	34	2	9	4	0	28	34	41	0	32
1	27	4	33	2	9	3	0	28	34	42	0	33
1	28	4	32	2	10	2	0	28	35	3	0	33
1	29	4	31	2	10	1	0	29	35	24	0	34
1	30	4	30	2	10	0	0	29	35	44	0	34

Linee numeri (s)	(g)	numeri (s)	(g)	Equatio centri (g)	(m)	minuta proportionalia	Longitudo longior (g)	(m)	Equatio argumenti (g)	(m)	Longitudo propior (g)	(m)	(g)	Statio (s g)	prima (g)
1	31	4	29	2	10	3	0	34	36	4	0	35	2	4 7	12
1	32	4	28	2	10	4	0	35	36	24	0	36	2	4 7	13
1	33	4	27	2	10	5	0	35	36	44	0	37	2	4 7	14
1	34	4	26	2	10	6	0	36	37	4	0	37	2	4 7	15
1	35	4	25	2	10	7	0	36	37	23	0	38	2	4 7	16
1	36	4	24	2	10	8	0	37	37	43	0	38	2	4 7	17
1	37	4	23	2	10	9	0	37	38	2	0	39	2	4 7	18
1	38	4	22	2	10	10	0	38	38	21	0	40	2	4 7	19
1	39	4	21	2	9	11	0	38	38	40	0	40	2	4 7	20
1	40	4	20	2	9	12	0	39	38	59	0	41	2	4 7	21
1	41	4	19	2	9	13	0	39	39	17	0	42	2	4 7	22
1	42	4	18	2	8	14	0	40	39	35	0	43	2	4 7	23
1	43	4	17	2	8	15	0	41	39	54	0	43	2	4 7	24
1	44	4	16	2	7	16	0	41	40	11	0	44	2	4 7	25
1	45	4	15	2	7	17	0	42	40	29	0	45	2	4 7	26
1	46	4	14	2	6	18	0	43	40	46	0	46	2	4 7	27
1	47	4	13	2	6	19	0	43	41	3	0	47	2	4 7	28
1	48	4	12	2	5	20	0	44	41	30	0	47	2	4 7	29
1	49	4	11	2	5	21	0	45	41	37	0	48	2	4 7	30
1	50	4	10	2	4	22	0	46	42	53	0	49	2	4 7	32
1	51	4	9	2	4	23	0	47	42	9	0	50	2	4 7	33
1	52	4	8	2	3	24	0	48	42	24	0	51	2	4 7	34
1	53	4	7	2	2	25	0	49	42	39	0	52	2	4 7	36
1	54	4	6	2	1	26	0	49	42	53	0	52	2	4 7	37
1	55	4	5	2	0	27	0	51	43	7	0	53	2	4 7	38
1	56	4	4	1	59	28	0	51	43	21	0	54	2	4 7	39
1	57	4	3	1	58	29	0	52	43	35	0	55	2	4 7	41
1	58	4	2	1	57	30	0	53	43	48	0	56	2	4 7	42
1	59	4	1	1	56	31	0	54	44	1	0	56	2	4 7	43
1	0	4	0	1	55	31	0	54	44	13	0	57	2	4 7	47

Statio prima Veneris																													
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
40 31	40 32	40 33	40 34	40 35	40 36	40 37	40 38	40 39	40 40	40 41	40 43	40 44	40 47	40 49	40 50	40 52	40 53	40 54	40 56	40 58	40 59	41 0	41 2	41 3	41 5	41 7	41 8	41 10	41 11

Tabula equationis veneris terminata

Linee numeri communes s	g	s	g	Equatio centri g	m	minuta proportionalia m	Longitudo longior g	m	Equatio argumenti g	m	Longitudo propior g	m
2	1	3	59	1	54	32	0	55	44	25	0	58
2	2	3	58	1	53	33	0	56	44	26	0	59
2	3	3	57	1	52	34	0	57	44	27	0	0
2	4	3	56	1	50	35	0	58	44	27	1	1
2	5	3	55	1	49	36	0	59	45	6	1	2
2	6	3	54	1	48	37	1	0	45	14	1	3
2	7	3	53	1	46	38	1	1	45	22	1	5
2	8	3	52	1	45	39	1	2	45	27	1	6
2	9	3	51	1	44	40	1	3	45	33	1	8
2	10	3	50	1	42	40	1	4	45	39	1	9
2	11	3	49	1	41	41	1	5	45	45	1	10
2	12	3	48	1	39	42	1	6	45	50	1	11
2	13	3	47	1	38	43	1	7	45	54	1	12
2	14	3	46	1	36	44	1	9	45	57	1	13
2	15	3	45	1	34	44	1	10	45	59	1	15
2	16	3	44	1	33	45	1	11	45	59	1	16
2	17	3	43	1	31	46	1	12	45	58	1	17
2	18	3	42	1	30	47	1	14	45	57	1	19
2	19	3	41	1	28	47	1	15	45	55	1	20
2	20	3	40	1	26	48	1	17	45	51	1	21
2	21	3	39	1	24	48	1	19	45	46	1	23
2	22	3	38	1	23	49	1	21	45	39	1	24
2	23	3	37	1	21	49	1	23	45	31	1	25
2	24	3	36	1	19	50	1	24	45	21	1	27
2	25	3	35	1	17	50	1	26	45	9	1	28
2	26	3	34	1	15	51	1	28	44	55	1	30
2	27	3	33	1	13	51	1	29	44	39	1	32
2	28	3	32	1	11	52	1	31	44	21	1	34
2	29	3	31	1	9	52	1	32	44	1	1	36
2	30	3	30	1	7	53	1	33	43	39	1	38

Linee numeri communes s	g	s	g	Equatio centri g	m	minuta proportionalia m	Longitudo longior g	m	Equatio argumenti g	m	Longitudo propior g	m	Statio s	g	[illegible]
2	31	3	29	1	5	53	1	35	43	15	1	40	2	48	11
2	32	3	28	1	3	54	1	36	42	48	0	42	2	48	11
2	33	3	27	1	1	54	1	37	42	18	0	44	2	48	12
2	34	3	26	0	59	55	1	38	41	41	0	46	2	48	12
2	35	3	25	0	57	55	1	39	41	8	1	47	2	48	13
2	36	3	24	0	55	56	1	39	40	20	1	48	2	48	14
2	37	3	23	0	52	56	1	40	39	46	1	49	2	48	14
2	38	3	22	0	50	56	1	40	38	58	1	50	2	48	15
2	39	3	21	0	48	57	1	41	38	7	1	51	2	48	16
2	40	3	20	0	46	57	1	41	37	12	1	51	2	48	16
2	41	3	19	0	44	57	1	42	36	52	1	52	2	48	17
2	42	3	18	0	42	57	1	42	35	7	1	52	2	48	17
2	43	3	17	0	40	58	1	41	33	57	1	51	2	48	17
2	44	3	16	0	37	58	1	40	32	47	1	50	2	48	18
2	45	3	15	0	35	58	1	38	31	24	1	49	2	48	18
2	46	3	14	0	33	58	1	36	29	58	1	46	2	48	18
2	47	3	13	0	31	58	1	34	28	25	1	43	2	48	19
2	48	3	12	0	28	59	1	31	26	40	1	48	2	48	19
2	49	3	11	0	26	59	1	28	21	2	1	33	2	48	19
2	50	3	10	0	24	59	1	24	23	15	1	25	2	48	19
2	51	3	9	0	22	59	1	19	23	11	1	21	2	48	20
2	52	3	8	0	19	59	1	12	19	11	1	14	2	48	20
2	53	3	7	0	17	60	1	4	17	2	1	6	2	48	20
2	54	3	6	0	14	60	0	57	14	47	1	57	2	48	20
2	55	3	5	0	12	60	0	48	12	46	0	46	2	48	21
2	56	3	4	0	10	60	0	40	10	4	0	35	2	48	21
2	57	3	3	0	7	60	0	31	2	10	0	24	2	48	21
2	58	3	2	0	5	60	0	21	5	9	0	12	2	48	21
2	59	3	1	0	3	60	0	11	2	36	0	12	2	48	21
2	0	3	0	0	0	60	0	0	0	0	0	0	2	48	21

2 47 40 · 2 47 [illegible] · 2 47 49 · 2 47 50 · 2 47 51 · 2 47 52 · 2 47 53 · 2 47 54 · [illegible] · 2 47 58 · 2 47 59 · 2 48 0 · 2 48 1 · 2 48 2 · 2 48 3 · 2 48 3 · 2 48 4 · 2 48 5 · 2 48 6 · 2 48 7 · 2 48 8 · 2 48 8 · 2 48 9 · 2 48 10

Tabula equacionis mercurij prima

Linee numeri communes				Equacio centri		minuta proporcionalia	longitudo longior		Equacio argumenti		longitudo propior	
s	g	s	g	g	m	minuta	g	m	g	m	g	m
0	1	5	59	0	3	60	0	2	0	17	0	1
0	2	5	58	0	6	60	0	4	0	33	0	2
0	3	5	57	0	9	60	0	5	0	49	0	3
0	4	5	56	0	12	59	0	7	1	5	0	4
0	5	5	55	0	15	59	0	9	1	22	0	4
0	6	5	54	0	17	59	0	10	1	38	0	5
0	7	5	53	0	20	58	0	12	1	55	0	6
0	8	5	52	0	23	58	0	14	2	11	0	7
0	9	5	51	0	25	58	0	15	2	27	0	8
0	10	5	50	0	28	57	0	17	2	44	0	9
0	11	5	49	0	30	57	0	19	3	0	0	10
0	12	5	48	0	33	57	0	20	3	16	0	11
0	13	5	47	0	35	56	0	22	3	32	0	12
0	14	5	46	0	38	56	0	23	3	48	0	13
0	15	5	45	0	40	55	0	24	4	5	0	14
0	16	5	44	0	43	55	0	26	4	21	0	15
0	17	5	43	0	45	54	0	28	4	37	0	16
0	18	5	42	0	48	54	0	29	4	53	0	17
0	19	5	41	0	50	53	0	31	5	9	0	18
0	20	5	40	0	53	53	0	33	5	29	0	19
0	21	5	39	0	55	52	0	34	5	41	0	20
0	22	5	38	0	58	51	0	36	5	57	0	21
0	23	5	37	1	0	51	0	38	6	13	0	22
0	24	5	36	1	2	50	0	39	6	29	0	23
0	25	5	35	1	5	49	0	41	6	45	0	24
0	26	5	34	1	8	48	0	43	7	1	0	25
0	27	5	33	1	10	47	0	44	7	17	0	26
0	28	5	32	1	13	46	0	46	7	33	0	26
0	29	5	31	1	15	45	0	48	7	49	0	27
0	30	5	30	1	17	44	0	49	7	4	0	28

Linee numeri communes				Equacio centri		minuta proporcionalia	longitudo longior		Equacio argumenti		longitudo propior		[illegible] mercurij		
s	g	s	g	g	m	minuta	g	m	g	m	g	m	s	g	m
0	31	5	29	1	20	43	0	51	8	20	0	29	2	26	34
0	32	5	28	1	23	42	0	53	8	35	0	30	2	26	32
0	33	5	27	1	25	41	0	54	8	50	0	31	2	26	29
0	34	5	26	1	28	40	0	56	9	6	0	32	2	26	27
0	35	5	25	1	30	39	0	58	9	21	0	33	2	26	24
0	36	5	24	1	33	38	1	59	9	36	0	34	2	26	21
0	37	5	23	1	36	36	1	1	9	51	0	35	2	26	19
0	38	5	22	1	38	35	1	2	10	6	0	36	2	26	17
0	39	5	21	1	40	34	1	4	10	21	0	37	2	26	15
0	40	5	20	1	43	33	1	5	10	36	0	38	2	26	12
0	41	5	19	1	45	32	1	7	10	51	0	39	2	26	9
0	42	5	18	1	47	31	1	8	11	6	0	40	2	26	6
0	43	5	17	1	50	29	1	10	11	21	0	41	2	26	4
0	44	5	16	1	52	28	1	12	11	36	0	42	2	26	1
0	45	5	15	1	54	27	1	13	11	50	0	43	2	26	27
0	46	5	14	1	57	25	1	15	12	5	0	44	2	25	56
0	47	5	13	1	59	24	1	16	12	19	0	45	2	25	53
0	48	5	12	2	1	23	1	18	12	34	0	46	2	25	50
0	49	5	11	2	4	21	1	20	12	48	0	47	2	25	48
0	50	5	10	2	6	20	1	22	13	2	0	48	2	25	47
0	51	5	9	2	8	19	1	23	13	6	0	48	2	25	42
0	52	5	8	2	10	17	1	25	13	30	0	49	2	25	40
0	53	5	7	2	12	16	1	27	13	44	0	50	2	25	4
0	54	5	6	2	14	15	1	28	13	58	0	51	2	25	34
0	55	5	5	2	16	13	1	30	14	12	0	52	2	25	30
0	56	5	4	2	18	12	1	32	14	26	0	53	2	25	27
0	57	5	3	2	19	11	1	34	14	39	0	53	2	25	24
0	58	5	2	2	21	9	1	36	14	52	0	54	2	25	22
0	59	5	1	2	23	8	1	38	15	11	0	55	2	25	20
0	60	5	0	2	25	7	1	39	15	18	0	56	2	25	19

Tabula equacionis mercurii secunda

Stacio prima mercurii

Linee communes S	G	Minute communes S	G	Equatio centri G	M	Minuta proportionalia	Longitudo longior G	M	Equatio argumenti G	M	Longitudo propior G	M
1	1	4	59	2	27	5	1	41	15	31	0	57
1	2	4	58	2	29	4	1	43	15	44	0	58
1	3	4	57	2	31	2	1	44	15	56	1	0
1	4	4	56	2	33	1	1	46	16	9	1	1
1	5	4	55	2	34	1	1	48	16	21	1	2
1	6	4	54	2	36	2	1	49	16	33	1	4
1	7	4	53	2	38	4	1	51	16	45	1	5
1	8	4	52	2	40	6	1	53	16	57	1	6
1	9	4	51	2	41	8	1	54	17	9	1	7
1	10	4	50	2	43	10	1	56	17	21	1	8
1	11	4	49	2	44	12	1	58	17	32	1	9
1	12	4	48	2	45	14	1	59	17	43	1	10
1	14	4	47	2	47	16	2	1	17	54	1	12
1	15	4	46	2	48	18	2	3	18	5	1	13
1	16	4	45	2	49	20	2	4	18	16	1	14
1	17	4	44	2	50	22	2	6	18	27	1	15
1	18	4	43	2	51	24	2	8	18	37	1	16
1	19	4	42	2	52	25	2	9	18	47	1	17
1	20	4	41	2	53	27	2	11	18	57	1	18
1	21	4	40	2	54	29	2	13	18	7	1	19
1	22	4	39	2	55	30	2	14	18	16	1	20
1	23	4	38	2	56	32	2	16	19	25	1	21
1	24	4	37	2	57	34	2	18	19	34	1	22
1	25	4	36	2	58	35	2	19	19	44	1	23
1	26	4	35	2	58	37	2	21	19	53	1	23
1	27	4	34	2	59	38	2	23	20	20	1	24
1	13	4	33	2	59	40	2	24	20	10	1	25
1	18	4	32	3	0	41	2	26	20	18	1	26
1	29	4	31	3	0	43	2	28	20	29	1	27
1	30	4	30	3	1	44	2	29	20	33	1	29

Linee communes S	G	Minute communes S	G	Equatio centri G	M	Minuta proportionalia	Longitudo longior G	M	Equatio argumenti G	M	Longitudo propior G	M	S	G	M
1	31	4	29	3	1	46	2	31	20	40	1	30	2	24	37
1	32	4	28	3	1	47	2	33	20	47	1	31	2	24	36
1	33	4	27	3	2	48	2	34	20	44	1	32	2	24	36
1	34	4	26	3	2	49	2	36	21	1	1	33	2	24	37
1	35	4	25	3	2	50	2	38	21	7	1	34	2	24	37
1	36	4	24	3	2	50	2	39	21	13	1	35	2	24	34
1	37	4	23	3	2	51	2	41	21	19	1	36	2	24	34
1	38	4	22	3	1	52	2	43	21	24	1	37	2	24	33
1	39	4	21	3	1	53	2	44	21	29	1	38	2	24	33
1	40	4	20	3	1	54	2	46	21	34	1	39	2	24	32
1	41	4	19	3	0	55	2	48	21	38	1	40	2	24	32
1	42	4	18	3	0	56	2	49	21	42	1	41	2	24	32
1	43	4	17	2	59	57	2	50	21	46	1	42	2	24	31
1	44	4	16	2	59	57	2	52	21	49	1	43	2	24	31
1	45	4	15	2	58	58	2	53	21	52	1	44	2	24	31
1	46	4	14	2	58	58	2	55	21	55	1	45	2	24	30
1	47	4	13	2	57	58	2	57	21	57	1	46	2	24	30
1	48	4	12	2	56	59	3	58	21	59	1	47	2	24	30
1	49	4	11	2	55	59	3	0	22	0	1	48	2	24	30
1	50	4	10	2	54	59	3	1	22	1	1	49	2	24	30
1	51	4	9	2	53	59	3	2	22	1	1	50	2	24	29
1	52	4	8	2	52	60	3	3	22	2	1	51	2	24	30
1	53	4	7	2	51	60	3	3	22	1	1	52	2	24	30
1	54	4	6	2	50	60	3	4	22	0	1	53	2	24	30
1	55	4	5	2	49	60	3	4	22	59	1	54	2	24	29
1	56	4	4	2	48	60	3	5	22	58	1	55	2	24	29
1	57	4	3	2	46	60	3	6	22	56	1	55	2	24	29
1	58	4	2	2	45	60	3	6	22	53	1	56	2	24	29
1	59	4	1	2	43	60	3	7	22	50	1	57	2	24	29
1	0	4	0	2	41	60	3	8	22	47	1	57	2	24	29

S	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
G	21	21	21	21	21	21	21	21	21	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
M	0	4	11	9	[illegible]	[illegible]	[illegible]	1	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Stacio prima mercurii

Tabula equationis mercurii tercia

Linee medii communes				Equatio centri		minuta proportionalia	Longitudo longior		Equatio argumenti		Longitudo propior	
S	G	S	G	g	m		g	m	g	m	g	m
2	1	3	59	2	39	60	3	8	21	43	1	58
2	2	3	58	2	37	60	3	9	21	38	1	58
2	3	3	57	2	35	60	3	9	21	33	1	58
2	4	3	56	2	34	59	3	9	21	27	1	59
2	5	3	55	2	32	59	3	10	21	21	1	59
2	6	3	54	2	30	59	3	10	21	15	1	59
2	7	3	53	2	28	59	3	11	21	8	2	0
2	8	3	52	2	26	58	3	11	21	1	2	0
2	9	3	51	2	24	58	3	12	20	53	2	0
2	10	3	50	2	22	58	3	12	20	44	2	0
2	11	3	49	2	20	57	3	12	20	35	2	1
2	12	3	48	2	18	57	3	11	20	25	2	1
2	13	3	47	2	16	57	3	11	20	14	2	1
2	14	3	46	2	14	56	3	10	20	2	2	1
2	15	3	45	2	11	56	3	9	19	50	2	1
2	16	3	44	2	9	56	3	8	19	37	2	1
2	17	3	43	2	7	54	3	7	19	24	2	0
2	18	3	42	2	4	54	3	6	19	10	2	0
2	19	3	41	2	2	53	3	5	18	55	2	0
2	20	3	40	2	0	53	3	4	18	40	2	0
2	21	3	39	1	57	52	3	2	18	24	2	59
2	22	3	38	1	55	52	3	1	18	7	1	59
2	23	3	37	1	52	51	3	59	17	50	1	59
2	24	3	36	1	49	51	3	57	17	32	1	58
2	25	3	35	1	47	50	3	55	17	14	1	57
2	26	3	34	1	45	49	3	53	16	55	1	55
2	27	3	33	1	41	50	3	51	16	35	1	53
2	28	3	32	1	38	49	3	48	16	14	1	51
2	29	3	31	1	35	49	3	45	15	53	1	49
2	30	3	30	1	35	48	3	42	15	35	1	47

Linee medii communes				Equatio centri		minuta proportionalia	Longitudo longior		Equatio argumenti		Longitudo propior				
S	G	S	G	g	m		g	m	g	m	g	m			
2	31	3	29	1	30	48	2	39	14	8	1	45	2	24	36
2	32	3	28	1	27	47	2	37	14	44	1	43	2	24	36
2	33	3	27	1	24	47	2	32	14	20	1	41	2	24	37
2	34	3	26	1	21	46	2	29	13	55	1	39	2	24	37
2	35	3	25	1	18	46	2	25	13	29	1	37	2	24	37
2	36	3	24	1	15	45	2	21	13	3	1	34	2	24	38
2	37	3	23	1	12	45	2	17	12	36	1	32	2	24	38
2	38	3	22	1	9	44	2	13	12	9	1	29	2	24	38
2	39	3	21	1	6	44	2	9	11	41	1	28	2	24	39
2	40	3	20	1	3	43	2	5	11	12	1	23	2	24	39
2	41	3	19	1	0	43	2	0	10	43	1	20	2	24	39
2	42	3	18	0	57	43	2	55	10	13	1	17	2	24	39
2	43	3	17	0	54	42	1	50	9	43	1	14	2	24	39
2	44	3	16	0	51	42	1	44	9	13	1	11	2	24	39
2	45	3	15	0	48	42	1	38	8	40	1	7	2	24	39
2	46	3	14	0	45	42	1	32	8	7	1	4	2	24	40
2	47	3	13	0	42	41	1	26	7	34	1	0	2	24	40
2	48	3	12	0	39	41	1	19	7	1	0	56	2	24	40
2	49	3	11	0	35	41	1	13	6	27	0	52	2	24	40
2	50	3	10	0	32	41	1	7	5	53	0	47	2	24	41
2	51	3	9	0	28	41	1	1	5	29	0	43	2	24	41
2	52	3	8	0	25	41	0	55	4	44	0	38	2	24	41
2	53	3	7	0	22	40	0	48	4	20	0	33	2	24	41
2	54	3	6	0	19	40	0	42	3	31	0	28	2	24	41
2	55	3	5	0	16	40	0	35	3	0	0	24	2	24	41
2	56	3	4	0	13	40	0	28	2	24	0	19	2	24	41
2	57	3	3	0	9	40	0	22	1	48	0	14	2	24	41
2	58	3	2	0	6	40	0	14	1	12	0	20	2	24	42
2	59	3	1	0	3	40	0	7	0	36	0	5	2	24	42
2	0	3	0	0	0	40	0	0	0	0	0	0	2	24	42

Incipiunt canones tabularum Alfonsi

Causa efficiens illorum canonum fuit [illegible] Johannes de Saxonia

Tempus est mensura motus ut vult Aristoteles 4° physicorum. Cum ergo motum scire desideramus necesse est nobis tempus cognoscere ut aggregata temporis quantitate quantitas motus correspondens cognoscatur. Est igitur sciendum quod in diversis tabularum illustris regis Alphonsi utimur more physico scilicet per minuta sexagenaria ut divisio temporis et motus sibi invicem correspondeant. Circa hoc in astrologia [illegible]

[illegible]

[illegible]

prim9 scptus q(ue) subscrip(t)a q(ui)c ¶ Et sciendum q(uod) [illegible] in fig(ur)is inferi(or)ibus in(fer)ius [illegible] sup(er)ior [illegible] annis p(ost) bisext(um) [illegible] anno bisexti ¶ Et [illegible] bisext(um) [illegible] in sup(er)iori [illegible] mathie apostoli [illegible] bisexti [illegible] in algorismo de minuciis ¶ Et [illegible] anni 27 [illegible] 1326 [illegible] 6 menses [illegible] 1326 [illegible] 1000 [illegible] 326 [illegible] 300 [illegible] 326 [illegible] 26 [illegible] 20 anni [illegible] 26 anni [illegible] 6 anni [illegible] 26 [illegible] 6 menses [illegible] 2 dies [illegible]

4	3	2	1
1	41	27	30
0	30	26	17
0	2	1	47
0	0	36	31
0	0	3	1
0	0	0	2

Cognit(is) [illegible] incipit [illegible] ¶ [illegible] era [illegible] ¶ [illegible]

[illegible] annorum [illegible] dies in [illegible] anni 27 [illegible] 2 [illegible] 101 ¶ Volo [illegible] ¶ Cognit(is) [illegible] annorum [illegible] in [illegible] tabula [illegible] illis annis [illegible] in [illegible] lineis [illegible] lineam [illegible] ¶ Si [illegible] ¶ [illegible] ¶ [illegible] bisext(i) [illegible] ¶ Et [illegible]

Notam anni [illegible] dici [illegible] ¶ [illegible] ¶ [illegible] ¶ [illegible] ¶ [illegible] ¶ [illegible]

Nota in tabulis alfonsii ... [illegible]

mi̅t eu no̅ priorum et que debemus inducto in linea que intitulatur ... scribe sub annis ... [illegible]
Secundo scribo radices notatas ... [illegible] per quam ... [illegible]
deinde adde omnia ... et quod ex additione provenit divide per 1 ... [illegible]
[illegible]

Numerum horarum ... [illegible] ... fractionum et ... dierum ... [illegible]
... per tabulas ... [illegible]
tabula que intitulatur tabula ... horarum ... [illegible]
... in linea ... que intitulatur ... [illegible]
... scribe ... deinde ... [illegible]
[illegible]

Medietas ... [illegible] ... in linea ... tabula ... [illegible]
[illegible]

... [illegible] ... addere ... complementum ... [illegible]
Secundo adde omnia addita ... [illegible]
... necessitas ... [illegible]
... eclipsis ... alphonso ... [illegible]
... hore ... [illegible] ... possemus observare
Omnes motus ... radix ... [illegible] ... declarare ... [illegible]
... radix ... motus ... [illegible]
... figurorum in quo fuit ille motus ... [illegible]
... radix ... tabula ... radicum ... [illegible]
... ubi ... [illegible]
... sol ... ultimi diei decembris ... [illegible]
... de omnibus motibus ... [illegible]
Radix ... loquor ... [illegible]
[illegible]

Revolutio annorum mundi vel nativitatis ... [illegible]
[illegible]
... tabula revolutionum annorum ... [illegible]
Revolutio ... [illegible]
[illegible]

[illegible]

Si non in[v]en[er]is ... si [con]iunctio[n]is ... si volueris invenire ... subtrahe ... quod p[ro]ven[er]it de 6 signis et residuum s[er]va. Si aut[em] volu[er]is opposi[tionem] subtrahe quod p[ro]venerit de eisdem signis et residuum s[er]va. Secundo ... residuum ... elongationis si fuerint ... [illegible]

[illegible]

adde sup[er] radice[m] s[er]vata[m] ... dies ... Et si ... Et si opposi[tionem] scire volueris adde sup[er] ... Si aut[em] volueris ... invenire ... [illegible]

[illegible]

... eclipsis solis in aliqua ... vel eclipsis lune in aliqua opposi[tione] sit invenire ... latitudinis lune ad t[em]p[u]s ... si quer[is] possibilitate[m] eclipsis solis vel ad t[em]p[u]s opposi[tionis] si quer[is] possibilitate[m] eclipsis lune ... [illegible]

[illegible]

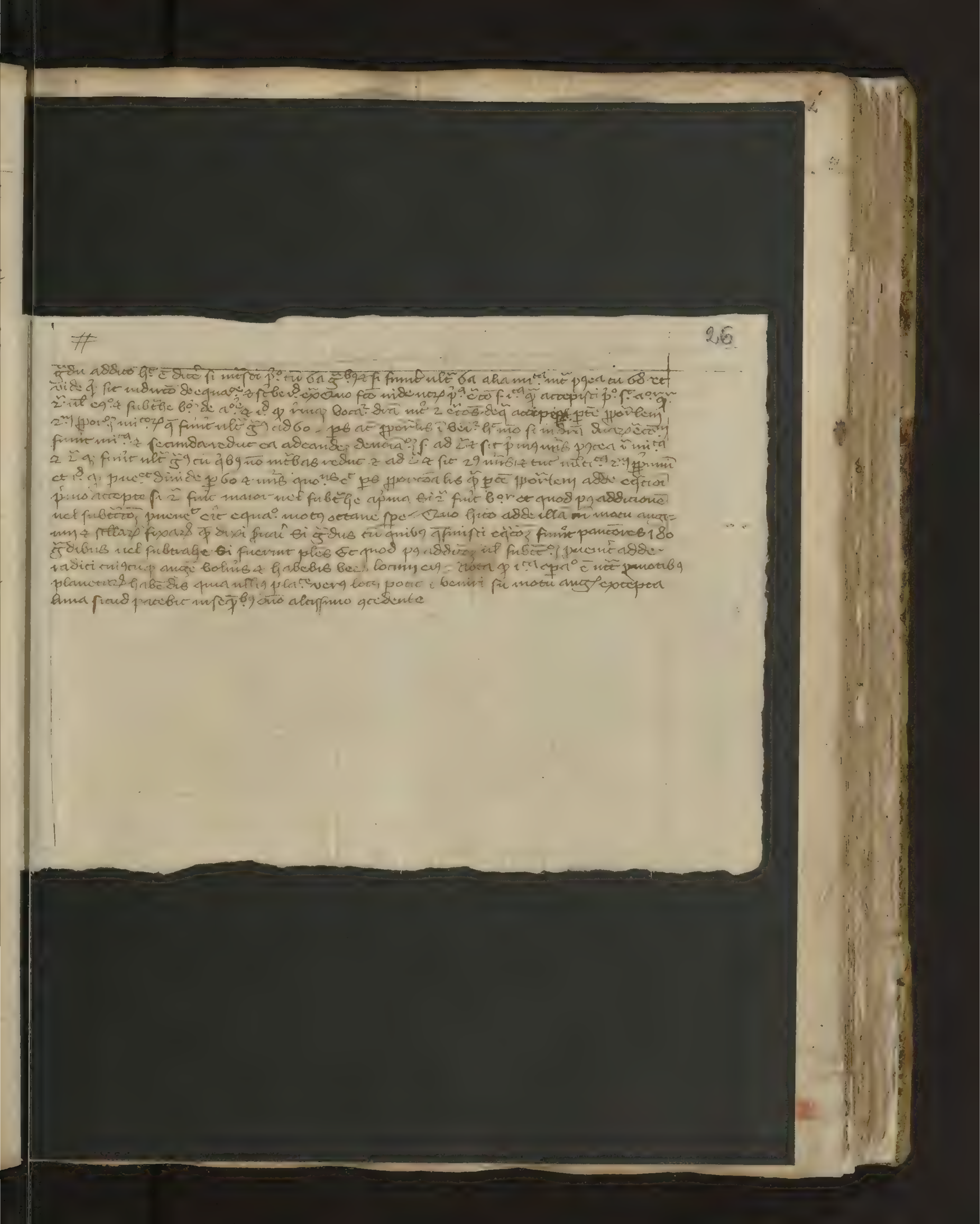
¶ [illegible] quod [illegible] [illegible] [illegible]
[illegible] que [illegible] [illegible]
[illegible]

venies. Si sint pauciores 90 quam hic minuta excedunt
usque ad 90. ¶ Si autem fuerint plus quam 90 quod 90 [illegible]
computa [illegible] ita quod si fuerint 91 accipe 89
et 92 accipe 88 et si 93 accipe 87 et sic retrocede
usque ad principium tabule et cetera usque 180 [illegible] in textu [illegible]
¶ Si non fuerint ultra 180 incipe a principio tabule ita quod 181
est primum [illegible] et 182 sit 2 et 183 sit 3 et [illegible] veias
ad 90 iterum et tunc erit 270 [illegible]. ¶ Si autem fuerint plus
quam 270 retrocede iterum a fine tabule usque principium tabule
et tunc erit 360 [illegible] et ibi iterum [illegible] [illegible]. ¶ Sed de
ista computatione [illegible] [illegible] in [illegible] [illegible]
[illegible] multi [illegible] [illegible] [illegible] 90 [illegible] in [illegible]
[illegible] lineas [illegible] quos [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible] et [illegible] [illegible] in duobus
[illegible] ¶ [illegible] [illegible] si [illegible] [illegible] [illegible] minuta ultra [illegible]
in [illegible] [illegible] [illegible] [illegible] et adhuc sol [illegible].

Verum locum solis [illegible] invenire. ¶ Sume
primo medium motum solis et [illegible] [illegible] de
inde scias augem solis per doctrinam [illegible]
[illegible] [illegible] et augem subtrahe a medio
motu si potes [illegible] si minus [illegible] [illegible] [illegible] [illegible] [illegible]. Si
autem non potes subtrahere [illegible] si [illegible] [illegible] [illegible] minor
auge [illegible] [illegible] [illegible] [illegible] [illegible] et postea
subtrahe et quod post subtractionem provenit est argumentum solis. ¶
¶ [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] subtrahe [illegible] [illegible] [illegible] [illegible]
[illegible] subtrahere [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] subtrahenda [illegible] [illegible] una
[illegible] et [illegible] fiat subtractio [illegible] [illegible] non
[illegible] [illegible] [illegible] in opere. ¶ [illegible] [illegible] argumento
solis [illegible] cum eo [illegible] equationis solis [illegible]
[illegible] lineas [illegible] et si [illegible] [illegible] [illegible] [illegible]
[illegible] si sit in [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] equationem solis [illegible] [illegible] subtrahe a medio motu. Si
[illegible] solis [illegible] [illegible] quod [illegible] [illegible] [illegible] [illegible]
[illegible] vel adde [illegible] cum medio motu. Si [illegible] [illegible]
plus quam 3 [illegible] et [illegible] [illegible] vel subtractio [illegible] [illegible]
verus locus solis in [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] ultra [illegible] [illegible] [illegible] minuta et [illegible] [illegible]
[illegible] 30 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] si [illegible] minuta [illegible] quam 30 [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] oportet que
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] solis [illegible] [illegible] [illegible] [illegible]
¶ [illegible] [illegible] [illegible] sufficiat [illegible] [illegible] operari [illegible]
[illegible] completa doctrina. ¶ [illegible] [illegible] [illegible] argumento
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] equationis ¶ [illegible] si [illegible] argumento [illegible]
[illegible] [illegible] [illegible] [illegible] minuta [illegible] adde [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] vide [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] a maiori [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] que debent [illegible] [illegible] [illegible]
[illegible] tabule de qua [illegible] accipe [illegible] [illegible] [illegible]
[illegible] sit [illegible] que sunt [illegible] argumento de novo [illegible]
[illegible] [illegible] [illegible] [illegible] de qua [illegible] accipe [illegible]
proportionalem [illegible] [illegible] [illegible] que sunt ultra
[illegible] in argumento ad 60 [illegible] partem proportionalem adde [illegible]
[illegible] si [illegible] fuerit minor vel [illegible] [illegible] si [illegible] fuerit
maior et quod post additionem vel subtractionem provenit erit
equatio solis [illegible] equationem subtrahe a medio motu solis que
dixi [illegible]. Si argumentum solis fuerit minus [illegible] signis
et quod post additionem vel subtractionem provenit est verus
locus solis in nona spera computatus [illegible] [illegible] [illegible]
[illegible] signa computa duo [illegible] [illegible] ¶ Et si fuerint
30 [illegible] [illegible] plus ultra [illegible] [illegible] [illegible] [illegible]
signum et [illegible] [illegible] [illegible] [illegible] [illegible] minuta [illegible] [illegible]
[illegible] [illegible] corporis solis [illegible] in omnibus [illegible]
[illegible] [illegible] [illegible] [illegible] operare [illegible] [illegible] proportionalem [illegible]
[illegible] [illegible] modum inveniendi proportionale partem [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
ad [illegible] [illegible] ¶ Si [illegible] [illegible] [illegible] [illegible]
[illegible] minuta [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
ad [illegible] [illegible] minuta [illegible] 60 et [illegible] [illegible] [illegible]
addas [illegible] que [illegible] et [illegible] quod provenit [illegible] [illegible]
si non [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ultra
[illegible] ¶ Et si volueris [illegible] [illegible] operari [illegible]
[illegible] [illegible] [illegible] Si autem [illegible] [illegible] [illegible] [illegible]
accipe minuta [illegible] et si [illegible] fuerint plura [illegible] quam 30 [illegible]
[illegible] [illegible] minuta ¶ [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] minuta [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] per 60 [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ¶ Si [illegible]
multiplicationem [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ¶ [illegible] [illegible]
[illegible] fuerint plura [illegible] quam 60 divide per 60 et [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] si fuerint plura quam 60
divide per 60 et [illegible] minuta et que remanent
sunt [illegible] ¶ [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] quod adde [illegible] [illegible] vel subtrahe [illegible] [illegible]

Verum locum lune [illegible] invenire. ¶ [illegible] primo medium
motum lune et [illegible] [illegible] [illegible] [illegible] medium motum
solis subtrahe a medio motu lune et quod remanet
duplica et quod provenit [illegible] [illegible] lune [illegible] [illegible]
[illegible] [illegible] duplex [illegible] [illegible] solis et lune [illegible]
[illegible] [illegible] augis [illegible] lune a [illegible] [illegible]
lune et [illegible] [illegible] [illegible] [illegible] lune [illegible] [illegible]
[illegible] cum [illegible] medio motu [illegible] [illegible] que [illegible] [illegible]
lune [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] ¶ [illegible] [illegible] [illegible]
[illegible] [illegible] cum [illegible] [illegible] [illegible] [illegible] [illegible] lune et que
[illegible] [illegible] [illegible] [illegible] Si fuerint [illegible] minuta
[illegible] ultra [illegible] [illegible] [illegible] [illegible] [illegible] solis



gradu addito hoc est dicto si minor primo tu 60 a gradibus 29 si fuerit ultimum 60 alia minuta minor pars et 60 re-
tinde quod sit introitus de equatione et scribe ... secundo sic inde nota primo ... si ... quod accepisti primo si ... 9
2 vel ... et subtrahe ... de ... et ... quod [illegible] ... 2 ... quod accepisti pro proportionem
2 ... proportionis ... quod fuerit ultimum gradus ad 60 ... proportionibus ... hoc ... si ... [illegible]
fuerit minuta et secundum reduc ... ad eandem denominationem ... ad ... sit ... minuta
a ... quod fuerit ultimum gradus cum ... non ... reduc et ad ... sit 29 ... minuta ... primum
et ... quod provenerit divide per 60 et ... quod ... proportionalis ... proportionem adde ...
... accepte si ... fuerit maior vel subtrahe ... fuerit ... et quod per additionem
vel subtractionem provenerit erit equatio motus octave spere. Quo scito adde illa in motu augi-
um et stellarum fixarum ... si ... cum quibus ... fuerint ... 180
gradibus vel subtrahe si fuerint plus. Et quod per additionem vel subtractionem provenerit adde
radici ... habebis ... locum ... primo ... cum ... planetarum
planetarum habebis ... verum locum ... in ... motu ... ecentrici
... sicut ... in ... cum altissimo gaudente

[illegible]

Nō idiō ē differencia annorum. Adinvenie[n]d[um] p[ro]p[or]c[i]onem q[ue] cum in tabulis plac[...] p[ro] eclipsi
eucmē solis opp[ositi]o[n]ca ē tab[u]la p[ro]por[tion]ali[...] cum ... ē ... [illegible] ... p[ro]por[tion]ali[...] ve[ro] hic
secundū p[ro]porcio[n]e[m] ali[...] ad ... in capitulis tabularum ... aliquid ... [illegible] ... quod
[illegible] ... quid ē p[ro]porcio quesita ca[...] ... non mu[...] ... [illegible] ... in fine
... [illegible] ... tabule ... p[ro]porcio[n]ib[us] ... notatur sunt medij ... [illegible] ... fine
... [illegible] ... Si aut[em] ... sunt ... [illegible] ...
... [illegible] ... habet ... Si aut[em] ... [illegible] ...
... [illegible] ... Si non ... [illegible] ...
... p[ro]p[or]c[i]onem ... p[ro]por[tion]ib[us] ali[...] ad ... qui ... [illegible] ... Si
... [illegible] ... p[ro]por[tion]ale ... [illegible] ... quē ... [illegible] ...
... [illegible] ... et ... [illegible] ...

[illegible]

[illegible]

[illegible] minuta a medio motu [illegible] vel subtrahatur [illegible] invenit esse verus locus lune [illegible]

[illegible] loca [illegible] eodem modo operandi [illegible] superioribus excepto quod [illegible] motus istorum [illegible] medio motu solis [illegible]

[illegible]

Sequitur tertius tractatus

[illegible]

[illegible]

M [illegible] in lucis min[uta] et accipe [illegible] de [illegible] min[uta] [illegible]

sol i[n] loco suo [illegible] oppositum [illegible] oppone [illegible] luna ca[illegible] [illegible] solis [illegible] nadir solis in oppositione [illegible] longitudine [illegible] sol a[illegible] longitudo lune [illegible] Deinde adde [illegible] longitudinis [illegible] 12[illegible] [illegible] medietatem longitudinis et [illegible] Si longitudo fuerit sol [illegible] longitudo fuerit lune [illegible] motum lune [illegible] hora [illegible] min[uta] [illegible] opus [illegible] Et est [illegible] mediis motibus [illegible] motus solis et lune [illegible] Johannes [illegible]

[illegible]

Q[uo]d sol e[st] maior t[er]ra
166 ...

surgit et no[n] obliviscaris. Scito q[uod] v[er]o loco sol[is]
et illo lo[co] lune me[n]se cu[m] v[er]o lo[co] sol[is] ita lat[itud]o ascit. Figu[ra]
...
no[n], poteris minuta 360 g[radus] et p[er]ca subt[ra]he q[uo]d vide
q[uo]d i[m]ma[gi]n[ati]o et fina ... e[st] ...
... 29 ... 90 g[radus] ... 29 e[st] 240 g[radus] ...
... 90 g[radus] ... 240 ...
... 90 ... 90 ... 240 g[radus] ...
... 240 ... 90 ... 90 ...
240 subt[ra]he ... 90 ... 240 g[radus] ...
[illegible]

T[ra]nsp[ar]o ...
... plan[etarum] ...
...
... motu
...
[illegible]

[in]venta si q(ua)ntitas debita addit(ur) veris vel subtrahe(tur) ab eodem si q(ua)ntitas tu(n)c fuit et q(uod) p(ro)venit addito vel subtracto eq(ua)tio eius temporis erit

Medii stellarum aequantur t(em)p(or)e volueris. Invenire b... radices p(ro)... loco corporis initialiter ad ... cum motu ... corpus ultime ... per ... i(n) c(ir)c(u)lo motus accessionis et recessionis octave spere tempore Alfonsii ... hoc modo accipe ... radicem motus ... radicem Alfonsii ... et accipe ... statim ... medio ... motus est ... et ... tempus ... motus accessionis et recessionis accipe Alfonsii ... addens ... radicem Alfonsii ... motus accessionis et recessionis ... c(ir)c(u)lo ... motus augmenti ... tempore Alfonsii ... tempore Alfonsii ... tempore ... accipe Alfonsii ... [illegible]

[illegible]

tal(ite)r e(quati)o(n)is sol(is) ... medio ... linee ... sub(tra)he ... fuit ... vel adde si fuit ... motus ... sol(is) tempore ... motus ... linee ... sub(tra)he ... si ... vel adde si fuit ... et ... loc(us) linee ... sol(is) et linee ... in sig(nis) ... tempore ... si ... longitudo ... longitudo ... longitudini adde ... fuit sol(is) vel sub(tra)he ab ... si longitudo fuit linee ... motu linee ... sol(is) ... motus sol(is) ... [illegible]

tps vissime qnicois diebq no cet adhuc tps que
locu solis et lune utrusque pste casudo que etiam
med' motu capitis draconis ad [illegible] tps quod adde vo
lo. lune et puenjet arg' latitudis lune q° 60 2°
centu quod fina. Item fiat diez qd hes tpe vis
sime qnicois vidit adhoc et adsiat hora
omibq adde coeq diez cu noctibq siue quod vbei
ces hc mo In cu q° sol ca ta coois dierum
noctibq sine cu duplici itien si oportea r si
finit aq mi ult q' pfeos in lo. sol et psth
ferdu ibi ibeto acip l. mi hoc a pquoh in
. x. et a pquoh 2° l q. que adde horis et mit et
vissime qnicois a hebis tps vissime qnicois
diebq cet. Hinc vis adoq dusist appens acce
damq qsida si qnic. s. indie ul vngere si sit
i nocte no cureb qz eclips ii c visis max. si
fuit psunde i nocte possit n. ce quae ortu sol
et pazs pq occasum et ad ps eclips videret
Et quando fuit indie scias dista q'nicois a
meridie p hos ciles. Item cu uno aliarum hora
Inc ta ta dusist appes lune q s. sta ad ornitj
clima sub sig a q° e luna et accip mi longitu
medio iuenta et si fuit adq mi hoc ult hos
pfeos Inc cu una ho sup adduq et accip mi
longitudis pdeus et qsida div it mi longitudis
p° accep et mic accep deq diva accip pte pporle
2' ppor mi tor qz st ult hos pfeos adeo qpte
pporte adde mit longitudis p° accepet si finit pan-
tora 2° accepet ut subtrahe Si fuit plat et puenjat
dusitas appens lune in longitudine Sim q luna
fuit inpu illius sig sub q° inisti q a i vauge
epy et eccentri Si a i q pu illq sig lua n fuit
ut sub sig scripti p eund modu s. a fecisti
Item qsida diva in mi dusist appes sup
sig et sb 2° subtrahendo minoz a q° quod dus inta
sig et mi q lua cu fuit de sig in quo cet a pd-
ictu dunde p 30 q' et scias p denotat n min
p i tep distoz a veret ps pporlis q dunde sig
dusist appens i becti sub p° sig. si fuit b' i
q sine accep sub sig scripti ut mi a p si fuit
cora puenjet dusitas appens cta p horis mit
a lo. lune i 30 dco Et si lua no fuit i supiori pte
epy ut cu arg° lune e in ho vissime q° i becto
i solnco mo q ta accatam et in taqz iuenis in
dico in latitudinis q c sq coulq liiis inlia ptom
dusit appens blois ibeta et pductu dide p 60
et puec ps pporlis i q dusitas s. i ang° ppt
de pte sua lune in epy. quod adde sup dusit appes
blois ibeta et puec dusitas appens cta per
horis mit et loco lune in 30 dco et in epy Item
sicut dista mi med motu sol et lune latitu-
dinis med motu sol a me mo lune et q ivnia
sit dupla et q puec et tocpme lune cu q mi
cad, cta getan et q ibeies medico subl que
in catla coulq cassq inlia ptom dusit appes
q mit blois i bemisti et pductu dunde p 60
et puec ps pporl quod adde dusist appens cqta
p horis mit et lo. lune in 30 dco et in epy et in
eccentrico Item dusist appens in ibeta dide

psupa lune i Bna ho et no q'e ce hoc Si no
sit ita pua q no pt dimidi psupaz inlia ca
p 60 et pqca dunde et mis quo' c mi hoc et
si ad fuit psidum inlia p 60 et pqca dide pud
quod pnus et puec fcto vnic scips Item hoc
a mi et 2 q p hac dunsio i bcisti adde sup
hos 60 quns quo fco scias dista q' i 2p hora
a midie cu q' bq mc ta ta dusist appes iuce p
eund modu s. pns fecisti cendo s. p horas et mit
et lo. lune i 30 dco et epy et et eccentro Si oppor-
teat qua dusist appes ibeta dunde i ea p
supa lune i bna ho s. pns et ho mi et ho
l q puec vou et ho. 2 dusist appes qe itin
adde sup hos bc qnic ois et n sup apoveu ex horis
Et pmo et horis dusist appes q' 2 ppo. Atiec
dista a midie s. pns cu q° s. ew hor dista
a midie mi itin ta ta cod penitu opando sic
pns et qsida itez dusist 3' aspes ve s. 3'
ut b a par ei par expedita ce Si no dusitas
aspes 3 fuit a° i ymas in q supat ca et pna d-
fferu et si longitudo lune abastu fuit b' 90
q et exhor 2° dista q'nicois amidie qs p 2ª
dusist aspes i beisti mi 6 pte hoc exmit hoc
qz stou hos qpletas si potes i si sit tot mita
horaz q poz abeis subtrahi 6 ps uni hoc Si n
potes sb'che d'ua ut 10 pte leanc n fingrus
hora integra Si no longitudo lune abastu fuit
plq 90 q bq adde 6 pte hoc a diva ut 10 mit
q st ult hos qpletas et ita ut hora in qpleas
et et cq q pq ang' ul dimi pueniut que dusiste
aspeus l q in longitudine et vide q sit l divas
sup minoz subtrahendo q a q et i dva inlia
p 6 Si addidisti 6 pte hoc et puec dusitas
aspeus que debet bui hoc q s° the a supa lune
i bna ho et q dinaz et moto cq p quod dde div
mit 2ª dusist aspeus et 3ª et puenjet hoc uns
quo' Et si no poss dimidi q ita pua inlia
divaz p 60 et dunda psupa et ne qns c mita
hoc et si adh n poz dimidi inlia iam p 60 et dida
ut pns et mis quo c ut hoc et q voluerit
a q puenjat adde hoc 2° dusist appens cqte
Si no dusitas aspes tcia fuit b' 2 facias
e qns s. q si i longitudine lune abastu mia 90
q bq fuit adde 6 pte hoc a diva 10 q si
hora integra no qpleas et si fuit plq 90 mic
6 pte hoc a dua a 10 ut hora integra no
fractas et e qns cq q pns linqsi qm 3' dusitas
fuit a et cq q puec que dusist aspes q. et vide
q h supa a 3 q excessum inta s. pns diebq
p 6 ut p 8 ul p 10 2' q addidisti 6 ul 8 dva
ul 10 pte hoc ita q ibcies dusist q debet
sui hoc et q puenjt adde supa lune i una ho
et e motq cq p q dunde diva mi 3 et 2ª dusi
stas aspeus 2' doctrina data et q puenit sb
the exhor 2° dusist aspeus Et i vno qmgo
q sit b' 2 et q inna sit c hoc 2° dusitatis
aspeus cte sua eas Cum horis 2° dusist aspes
nouis ctas inlia eas pmotu sol i una hora

[illegible]

q̄ nunc subtraxisti addendis scilicet horis [illegible] tempore finis eclipsis latitudinis [illegible] ad [illegible] tempora [illegible] latitudinis [illegible] in principio medio et fine eclipsis [illegible] doctrina magistri Johannis de Lineriis expressam

Kalendarium [illegible] tabulas Alphonsii [illegible]

Incipiunt canones astrolabii

[illegible]

[illegible]

sol i quoddam signum fuit supra punctum almuncatth volente
et non loca alumni voluerunt limbi pertica movente [illegible]
sol usque adorante per lineam medii celi et non est loca al-
mi [illegible] et motus globus non de alia nota [illegible]
circa dici [illegible] non per celi [illegible] circa noctis [illegible] duo
[illegible] 360 [illegible] diei et noctis [illegible]
[illegible] ei solis [illegible] super
terra et sub terra [illegible]

Si vis scire [illegible] horarum [illegible] diei [illegible]
dici per 12 et [illegible] super [illegible] per [illegible]
[illegible] 30 [illegible]
[illegible] nocturna [illegible]
[illegible] diurna [illegible] 30 [illegible] die [illegible]
[illegible] De inveniendo hora [illegible]

Si horas diei solis [illegible]
dici per 14 [illegible]
et noctis [illegible]

[illegible]

12

17

16

14

18

19

20

meridiani. Et scias quod [illegible] altitudines [illegible] [illegible] [illegible] circuli [illegible] meridiano [illegible] corpora [illegible] declinatio [illegible] declinatio [illegible] fixarum. [illegible] regionis [illegible]

Scito quod latitudo regionis [illegible] abscisio circuli [illegible] altitudo solis [illegible] ab orizonte quando sunt [illegible] latitudinem [illegible] regionis [illegible] volueris altitudinem solis [illegible] quando [illegible] minuatur de 90 si fuerit sol in [illegible] latitudo regionis [illegible] si non [illegible] fuerit sol [illegible] declinatio [illegible] altitudinis solis [illegible] [illegible] regionis ab [illegible] Et si volueris accipe altitudinem stelle [illegible] in eadem regione [illegible] medietas [illegible] est latitudo eiusdem regionis.

[illegible] [illegible] [illegible]

Si volueris scire [illegible] [illegible] [illegible] ab orizonte [illegible] latitudo [illegible] [illegible] [illegible]

Quod [illegible] regionum [illegible] latitudo [illegible] latitudo [illegible] [illegible] regionis latitudinis [illegible] [illegible] [illegible] latitudo regionis [illegible] [illegible] regionis [illegible] latitudinem [illegible] [illegible] [illegible] latitudinis [illegible] [illegible] [illegible] regionis [illegible] [illegible] [illegible]

[illegible] regionis [illegible] [illegible]

Longitudo regionis ab [illegible] est distantia meridiani circuli [illegible] [illegible] [illegible] longitudinem [illegible] duas regiones [illegible] eclipsis lunaris [illegible] [illegible] regionibus [illegible] longitudo [illegible] [illegible] [illegible] [illegible] [illegible] latitudo [illegible] [illegible] [illegible] latitudinis [illegible] tabula subscripta [illegible] [illegible] [illegible]

Tabula latitudinum et longitudinum regionum

Nomina regionum	longitudo		latitudo	
	g	m	g	m
Praga	29	30	50	48
Jherusalem	66	30	31	50
Roma	55	25	45	50
Parisius	23	15	48	0
Toletum	11	0	39	54
Constantinopolis	56	40	43	40
Alexandria	60	27	30	18
Babilon vetus	78	0	35	0
Babilon nova	64	30	30	30
Egyptus	55	0	30	0
Anthiochia	63	20	30	35
Pisa	33	0	45	0
Bononia	32	30	44	0
Cremona	31	0	45	0
Marsilia	27	30	44	0
Colonia	27	20	49	50
Maguntia	28	24	50	9
Herbipolis	28	32	51	16
Ratisbona	29	0	58	0
Novaria	30	17	45	0
Megdeburk	24	0	51	30
Brunswig	23	20	51	10
Mons pessulanus	24	30	44	0
Erfordia	27	0	51	0

[illegible]

Si [illegible] fuerint inter duas regiones [illegible] nosse [illegible] longitudinem [illegible] latitudinem [illegible] [illegible] [illegible] latitudinum [illegible] [illegible] [illegible] [illegible] [illegible] 100 [illegible] [illegible] 16 [illegible] [illegible] [illegible] [illegible] longitudinis [illegible] [illegible] longitudo [illegible] latitudinum [illegible] [illegible]

[illegible]

Item Herfordia distat a Toleto [illegible] 3 13 gradibus et 36 minutis

Item [illegible] distat a Toleto [illegible] 16 gradibus et 30 minutis

Item [illegible] 20 [illegible]

Nomina vocabulorum in astrolabio sunt hec. Primo armilla suspensoria ad capud, et dicitur abra arabice. Halhamenta seu dorsum et alhidade, que ansa que nigrum ei [illegible] armilla [illegible] regulas omnes in se [illegible] habens in 360 gradus divisum. Tabula [illegible] [illegible]

[illegible]

Gradium solis per hor-

[illegible]

Altitudinem solis in meridie hoc est altitudinem stelle quamlibet [illegible]

[illegible]

[illegible]

[illegible]

Vero per gradus solis sequitur quod quadratum [illegible] ¶ [illegible] natus qui in completo et gradus de ipso cir[illegible]

O[illegible] sunt per quod instrumentum invenire ¶ Quando fuerit volueris horas nadir solis super [illegible] horarum completarum. Si fuerit de die ut gradus solis si fuerit de nocte post doctrinam predictam et nota locum almucantarat in limbo ¶ Deinde pone gradum solis super eius altitudinem in almucantarat de die et de nocte [illegible] stelle per quam operaris pone sic super suam altitudinem quam accepisti in dorso astrolabii et nota locum almucantarat. Deinde accipias inter gradus [illegible] limbi inter duo loca computa et [illegible] horas [illegible] in complete ut patet [illegible]

A[illegible] [illegible] horarum [illegible] invenire [illegible] gradus solis super [illegible] orizontis [illegible] et nota locum almucantarat in limbo [illegible] ad [illegible] orizontis [illegible] et nota locum almucantarat in limbo et [illegible] duo loca [illegible] ¶ Si vero [illegible] volueris [illegible] gradum solis super [illegible] nota locum almucantarat in limbo. Deinde [illegible] et nota locum almucantarat in limbo et [illegible] ¶ [illegible] ¶ Si vero [illegible] volueris [illegible] et [illegible] ¶ Si vero [illegible] ¶ [illegible] nadir solis super [illegible] locum almucantarat in limbo [illegible] nadir solis [illegible] locum almucantarat in limbo [illegible] de nocte [illegible] gradus solis

Q[illegible] nadir ascendentis [illegible] et gradum medii celi [illegible] gradum medii terre [illegible] per quod instrumentum invenire ¶ [illegible] de nocte ¶ Quando volueris [illegible] nadir solis ¶ Si fuerit de die ut gradus solis ¶ Si fuerit de nocte [illegible] zodiaci [illegible] orizontis occidentalis [illegible]

[illegible] gradus ascendentis [illegible] vero zodiaci cadentis super lineam medii celi [illegible] zodiaci cadentis super [illegible] orizontem [illegible] gradus [illegible] ¶ [illegible] vero cadentis super [illegible] medii terre [illegible] ¶ Quando vero [illegible] volueris [illegible] nadir [illegible] per duas horas [illegible] ordine [illegible] zodiaci sit in [illegible] occidentis [illegible] volueris nadir per duas horas [illegible] ¶ [illegible] volueris [illegible] nadir [illegible] ¶ Si vero de nocte [illegible] volueris [illegible] altitudinem [illegible] stelle [illegible] ¶ [illegible] nadir solis [illegible] ¶ [illegible] zodiaci cadentis super [illegible] zodiaci cadentis super [illegible] ascendentis [illegible] gradus zodiaci cadentis [illegible] ¶ [illegible] nadir [illegible] medii terre [illegible] ¶ [illegible] nadir [illegible] domorum [illegible]

A[illegible] [illegible] in circulo obliquo [illegible] ¶ Quando [illegible] volueris [illegible] pone [illegible] super medii celi [illegible] locum almucantarat in limbo ¶ Deinde pone [illegible] super [illegible] medii celi [illegible] locum almucantarat in limbo et [illegible] duo loca almucantarat [illegible] ¶ [illegible] ascendentis [illegible] ¶ [illegible] almucantarat [illegible] locum almucantarat in limbo

[illegible] ... distinctas vero signorum seu [illegible] orizonti sit [illegible] ... almucantarath [illegible] ... in suo ortu vel occasu [illegible] ... astrolabii [illegible]

Horas [illegible] ... volumus [illegible] ... in celis [illegible] ... horis [illegible] ... patet.

Equalitatis noctium et dierum [illegible] ... duorum [illegible] ... dies [illegible] ... noctis [illegible] ... equinoctialium.

Incipit crepusculi matutini et finis crepusculi vespertini [illegible] ... crepusculorum [illegible] ... almucantarath [illegible] ... matutini [illegible] ... crepusculi [illegible] ... occidentis [illegible] ... almucantarath [illegible] ... crepusculi [illegible] ... matutini [illegible] ... almucantarath.

In [illegible] ... orizontis [illegible] ... locum almucantarath [illegible] ... crepusculi [illegible] ... stellis fixis.

Noticias stellarum fixarum [illegible] ... in celo invenire [illegible] ... altitudinem stelle [illegible] ... almucantarath [illegible] ... stellam [illegible] ... astrolabii [illegible] ... in dorso astrolabii [illegible] ... stella [illegible] ... astrolabium [illegible] ... stella [illegible]

[illegible] ... stelle [illegible] ... stellarum [illegible] ... medium celi [illegible] ... stellarum [illegible] ... medium celi [illegible]

[illegible] ... stelle [illegible] ... volumus [illegible] ... medium celi [illegible] ... almucantarath [illegible] ... stellarum [illegible] ... medium celi [illegible]

~~Radium longitudinis stelle [illegible] in instrumento [illegible] cum quis voluerit ponere stellam [illegible] medium celi et gradus [illegible] ascendentis [illegible]~~ ~~et gradus longitudinis ut alt[illegible] veras~~

Ortum zodiaci cum quo stella oritur vel occidit in venire. Cum quis voluerit ponere stellam super orizontem [illegible] orientalem et vide quibus gradibus zodiaci fuit in contactu et ipse est gradus quesitus. Si vero posuerimus stellam super [illegible] occidentem et [illegible] gradum zodiaci qui est in contactu occidentis ipse est cum quo stella occidit. [illegible] stelle que declinant ab ecliptica [illegible] gradus longitudinis [illegible] idem gradus cum quo stella oritur et cum quo est in medio celi [illegible] idem cum quo oritur et cum quo occidit [illegible] stelle que oriuntur [illegible] gradus longitudinis occidunt [illegible] in solidis [illegible]

Ortum [illegible] in qua fit luna in venire. Cum quis voluerit alicuius linee accipere [illegible] in almucantarat [illegible] stellam [illegible] almucantarat [illegible] gradus zodiaci [illegible] altitudinis [illegible]

Locum planetarum [illegible] in instrumento in venire. Cum quis voluerit accipere altitudinem planete [illegible] ponere ut docuit [illegible] accipe altitudinem stelle [illegible] planete [illegible] in venire accipe altitudinem planete [illegible] celi [illegible] planeta [illegible] descendit [illegible] almucantarat [illegible]

Utrum planeta sit [illegible] in venire. Cum quis voluerit accipere [illegible] altitudinem planete cum fuerit in medio celi [illegible] gradus zodiaci in quo fuerit planeta [illegible] Septimum

Utrum planeta sit directus vel retrogradus in venire. Cum quis voluerit accipere altitudinem planete [illegible] de quo dubitas ut docuit [illegible] altitudinem [illegible] planete [illegible] stella [illegible] planete [illegible] in nocte [illegible] planeta fuerit [illegible] directus [illegible] retrogradus [illegible] directus [illegible] de luna [illegible] motus [illegible]

Ortum ascendentis [illegible] nativitatis [illegible] in instrumento in venire. Cum quis voluerit [illegible] ascendens [illegible] nocti [illegible] almucantarat [illegible] gradus [illegible] zodiaci in oriente [illegible] gradus [illegible]

Quot [illegible] in instrumento [illegible] Cum quis voluerit [illegible] duo loca almucantarat [illegible] gradus [illegible] minuta [illegible]

Longitudinem [illegible] regionis in [illegible] Cum quis voluerit [illegible] eclipsis lunaris [illegible] instrumentum [illegible] regione [illegible] longitudinis [illegible] meridianorum [illegible]

Latitudinem cuiuslibet regionis ab equinoctiali declinant [illegible] in instrumento in venire. Cum quis voluerit [illegible] regionis [illegible] equinoctiali [illegible] equalis elevationi poli [illegible] elevatio poli [illegible] orizonte [illegible]

[illegible]

[illegible]

[illegible]

Quod punctorum [illegible] Si vero [illegible] ceciderit super unum
[illegible] unum puncti et fuit in [illegible] ita nunquam
[illegible] in [illegible] lymbi [illegible] manere
ad [illegible] puncti [illegible] modo [illegible] in lymbo
et [illegible] manere [illegible] in [illegible] puncti [illegible] modo
[illegible] et [illegible] proportio [illegible] ad [illegible] dubitari
et [illegible] puncti [illegible] puncta ad [illegible]
O [illegible] et umbra [illegible] libra meridianus
quod die [illegible] vero [illegible] [illegible] versus
alaudam [illegible] in meridie [illegible] et [illegible]
[illegible] [illegible] in [illegible]
R ei elevate alaudam in [illegible] C [illegible]
[illegible] versus [illegible] et [illegible]
[illegible] ad [illegible] umbre [illegible] forame
[illegible] et videas et quia fuit [illegible]
[illegible] et [illegible] addita [illegible] ab oculo
[illegible] ad [illegible] alado [illegible] Si
[illegible] alaudam [illegible] et ut [illegible]
in [illegible] in vestigare [illegible] ut [illegible]
[illegible] alaudam ut [illegible] et vide [illegible]
[illegible] super puncta [illegible] vero [illegible] ceciderit al-
[illegible] et [illegible] distantia [illegible] C [illegible]
proportio [illegible] ad [illegible] ostendit [illegible] et
[illegible] proportio alaudis ad distantia addita
statura oculi [illegible] Si vero [illegible] puncta [illegible]
[illegible] ceciderit et alado [illegible] distantia
et quia proportio [illegible] puncta ad [illegible]
[illegible] alado [illegible] ad distantiam addita
oculi statura C [illegible] ad [illegible] super
[illegible] quadrantis [illegible] in lymbo super [illegible]
[illegible] et alado [illegible] distantia
R ei in accessibilis alaudam [illegible] C [illegible]
[illegible] versus [illegible] et [illegible] forame
[illegible] et [illegible] punctorum [illegible] fuit
umbre [illegible] donec [illegible]
et [illegible] foramen videas et [illegible] punctorum
[illegible] C [illegible] deinde [illegible] duarum sta-
tionum C [illegible] pedes [illegible]
puncta [illegible] stationis [illegible] in latere umbre
[illegible] et [illegible] et vide
[illegible] puncta [illegible] in eodem latere u-
mbre [illegible] et [illegible]
[illegible] proportio [illegible] duas
stationes ad alaudam [illegible] si
duo [illegible] et proportio [illegible] ad alaudam
et dupla. Si [illegible] et [illegible]
Et est finis [illegible] ~~[illegible] astrolabii~~

Anno domini nativitatis christi 1388º

[illegible] ... [illegible]
[illegible]

Circulus eccentricus vel egresse cuspidis vel egre
dientis centri dicitur qui non habet centrum suum cum centro
mundi et concludit centrum terre ipse deferens dicitur quia per
monet maxime circa suam applicatio mundi dicitur
aux ubi longitudo longior. Sed pars que minus
accedit ad ipsum dicitur oppositum augis ubi longitudo propior.
Medio gradu sunt longitudines inter auge et oppositum augis et dicuntur longitudines
medie. Movetur autem sol ipso motu ab occidente in orientem in
suo circulo eccentrico quolibet die naturali 59 min. et 8 2ᵉˢ equaliter
semper. Mundus vero rotatur ab oriente in occidentem quando
non ut sol movetur in circulo orbe signorum. Medius motus solis
dicitur arcus zodiaci cadens inter lineam exeuntem a centro
mundi usque ad locum auctum et lineam exeuntem ab eodem
centro usque ad firmamentum lineam dico eque distantem linee
exeunte a centro eccentrici per centrum corporis solis. Verus
motus solis dicitur arcus zodiaci intercidens inter eandem auctum et lineam
exeuntem a centro terre per centrum corporis solis. Equatio
solis dicitur arcus zodiaci intercepsus inter medium motum solis et verum eius
motum. Equatio nulla est sole existente in auge vel opposito
augis ipso autem existente in longitudinibus mediis maxima est.
Argumentum arcus zodiaci cadens inter augem et lineam medii
motus terminantem. Aux solis in 2 significationibus dicitur arcus
zodiaci cadens inter caput arietis et lineam a centro transeuntem per augem
eccentrici. Sed una autem medietate circuli que est circulus distat et movetur
equaliter maior est medius motus quam verus unde et equatio solis
subtrahenda est. In alia minor quare et addenda est equatio.
Invenitur autem medium motum solis et verum quanta sit arcus zodiaci
qui sit scilicet usque ad totum zodiacum per medium scilicet arcum eccentrici
pertransiens a sole ad totum eccentrum et hic dicitur per lineam eque
distante ut patet in subscripta figura. Chanibal ...

Taurus
Gemini
Cancer
Leo
Virgo
Libra
Scorpio
Sagit.
Capricor.
Aquar.
Pisces
Aries

Motus verus lune terminatur per lineam exeuntem a centro terre per centrum corporis lune

[illegible]

Epiciclus sive orbis revolutionis vel circulus brevis deferens
centri dicitur ex quadam parte circumferentiam centrum movetur
super circumferentiam ecentrici ab occidente in oriens ¶ Et centrum
sol in motu est in zodiaco ad motum octave spere ¶ Et aux autem
lune movetur omni die ab oriente in occidens 11 gradibus fere
¶ Et centrum ecentrici lune describit circulum parvum circa centrum
mundi ¶ Et centrum epicicli lune movetur 13 gradibus fere in die
ab occidente in oriens ¶ Et aux ecentrici lune movetur ab oriente
in occidentem quolibet die 11 gradibus fere ¶ Et centrum ecentrici
sol movetur uno gradu fere in die contra firmamentum unde
patet quod si centrum solis et aux ecentrici lune et centrum epicicli lune
fuerint aliquando in aliquo loco scilicet in sequenti die sol distabit
ab illo loco uno gradu fere versus oriente et aux ecentrici
distabit per 11 gradus versus occidentem et centrum epicicli lune per
13 gradus versus oriente Ita quod sol sit in medio inter augem
et centrum epicicli lune Unde si duplicetur distantia solis et
centri epicicli lune ad solem habebitur distantia inter augem et
epiciclum et hec distancia dicitur centrum lune vel longitudo duplex vel 2x
mensium ¶ Et hec maior est quam 2 pro toto quod sol in eodem loco
a sol [illegible] et in medio duorum aut in opposito ¶ Ex causa quare centrum
epicicli lune bis in mense pertransit circulum ecentrici et in tempore
media cum sole est in auge ecentrici vel in opposito augis similiter
Longitudinis vero medie est in longitudinibus ecentrici propriori sua vo
movetur in circumferentia sui epicicli et cum est in superiori parte movetur
ab oriente in occidens quod vero est est tarda in cursu et
non in superiori eius quod est velox et alii planete ac
contra ¶ Et sic sol [illegible] motum super centrum ecentrici sui scilicet et centrum
epicicli lune [illegible] motum super centrum mundi [illegible] motu
lune est arcus zodiaci [illegible] ab [illegible] [illegible] successive
signorum [illegible] [illegible] a linea exeunte a centro
mundi per centrum epicicli ¶ [illegible] motus epicicli diffinitur
[illegible] linea exeunte [illegible] opposito [illegible] ecentrici
lune qui [illegible] distat [illegible] centrum ecentrici exeuntis
directo per centrum epicicli ad superiorem partem epicicli ¶ [illegible]
[illegible] per centrum epicicli quod terminat lineam extensam a centro
mundi per centrum epicicli ad superiorem partem ¶ Et quia centri
est arcus [illegible] inter [illegible] augem [illegible] ¶ [illegible]
[illegible] argumentum lune dicitur arcus interiacens augem mediam [illegible]
[illegible] lune [illegible] motum lune in epiciclo ¶
Argumentum verum dicitur arcus interiacens augem veram
et centrum lune centro epicicli existente in auge que
est [illegible] vel in [illegible] media et exeunte in
opposito augis quod est [illegible] distantis lune a sole [illegible]

est equatio centri diversitas vera et media idem est. Equatio
linee argumenti dicitur arcus zodiaci intercedens medium mo-
tum et verum, que est equatio nulla existente epiciclo
in auge vel in opposito augis ecentrici, et cum fuerit existente
in longitudine longiori vel propinquiori sui epicicli, a qua
est vera epicicli existente in longitudine propinquiori ecentrici.
Et linea exiens a longitudine media epicicli et diversitas
in medio eius que respicit occidentem ad dextram.
Et motus est medius motus quam verus, qualiter et cum argumentum
subtrahenda est, in reliqua vero medietate augenda est. Et sci-
endum quod maiores sunt equationes argumenti existente centro epicicli in
opposito augis quam in auge, quia appropinquat epiciclus ad centrum
mundi in opposito augis. Et dicitur quod est inter has equationes argumenti
centro epicicli existente in auge et existente in opposito augis diversitas
equationis diversitatis diametri circuli brevis. Et minuta proportionalia que
sunt minuta [illegible] equationis argumenti ac si ipse esset centrum epicicli de-
scriptus centro epicicli existente in aliis locis ecentrici con-
tinent equationes argumenti, et quod centrum epicicli accedit ad centrum
terre. Et est ista [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] et duple existente [illegible] terre [illegible]
[illegible] divisio [illegible] linea [illegible] que dirigitur a centro
terre ad oppositum augis, [illegible] omnes [illegible] partes que [illegible]
ad augem [illegible]. Alie vero linee que diriguntur [illegible]
loca [illegible] [illegible] [illegible] successive et [illegible] ab auge
et opposito augis sicut [illegible] [illegible] [illegible] et [illegible] hoc. Cum

Sequitur de capite et cauda draconis ecentrici lune. dicitur a
viris ut circa sol' p 1 gradus inequalis pcz. In duas
partes inseptentrionale et meridiena intersecat ecce-
ntricum solis in duobus locis oppositis sp et iste intersectiones in-
cipiuntur cap. et cauda draconis. Et d. cap. intersectio
in qua incipit luna declinare et aquilonem et cauda econv.
Iste due intersectiones mouentur cottidie ab occidente in oriente tribus
minutis fere et ducit ipsas intersectiones quidam
circulus imaginatus excentricus celo equalis concentrico sic imaginatus
et est in superficie orbis signorum sive via solis. Et iste motus
est dissimilis motui planetarum qui est ab occidente in oriente. Aut hec
sunt in motibus ... ... in motu
... caput draconis sit
...tiens ... caput draconis ... successio ...
ut patet in figura sequenti. ~~Et ... cum inuenta ...~~

Sequitur de centris superioribus. Unde notandum quod quilibet
superior habet duos circulos ecentricos dispositos in
eadem superficie plana et est immobilis nisi quem-
admodum octaue spere ad motum cottidianum circa terram
ab oriente in occidentem. Unde d. unus ecentricus

deferens primus circumferentialiter fertur centrum epicicli
ab oriente in occidentem et ille dicitur circulus equans
motum super cuius centrum equantis equaliter movetur centrum
epicicli et inter partibus equalibus equales angulos describit
¶ Et hij duo circuli una parte centri equantis elevata ... angulos
centrum est prius centro terre et deferens et reliquus equalis ¶ Et tamen
distant centrum deferentis a centro equantis quanta est inter ipsum et
terre centrum sunt in una linea ¶ Et ambo circuli sunt eiusdem
spissitudinis ¶ Et sic illa distancie epicicli respectu centri terre centri
epicicli existentis in auge vel in opposito postea centrum epicicli
existente in alijs locis respectu ad quoddam punctum oppositum centro
epicicli qui tantum distat a centro mundi quantum centrum ecentrici
¶ Similiter vero istis planetis tribus distancie epicicli respectu centri
mundi centro epicicli existente in auge vel in opposito augis circuli In
alijs autem locis centro epicicli existente respectu centri equantis et hoc
vocatur respectus ¶ Summa inferior pars epicicli movetur ab oriente
in occidentem in superiori autem contra ¶ Et alij planete moventur
in superiori parte ab occidente in orientem et in inferiori ordine
converso ¶ Et quando quilibet istorum est coniunctus soli per medium
cursum tunc erit in superiori parte epicicli sui scilicet in auge
media Inequalis vero apparet motus motu solis et in infimo epi-
cicli sui in quadratura solis et in longitudine medij epicicli
Et tunc centro epicicli in medio opposito sol redditur ad quadra-
turam ¶ Linea medij motus epicicli dicitur puncto in superiori parte epicicli
quem tangit linea exiens a centro equantis super centrum
epicicli et hec aux non variatur quo ad eius motum ¶ Aux
vera terminatur in linea exeunte a centro terre per centrum epi-
cicli et hec aux variatur secundum quod crescat et decrescat ¶
¶ Equacio centri in epiciclo est arcus epicicli cadens inter
augem epicicli mediam et veram ¶ Equacio centri in zodiaco
est arcus zodiaci cadens inter medium motum epicicli et verum
¶ Et in quantum proporcione se habet una equacio ad suum tenens
et in eadem se habet et reliqua quod pertinet probari in linea que
cadit inter equedistantes lineas et procedit hoc accipi una et
reliqua media accipiatur ¶ Medius motus augis istorum planetarum equacio
suorum est arcus zodiaci cadens ... linea ducta a cen-
tro terre equedistantem linee exeunti a centro equantis
per centrum epicicli ¶ Vera autem epicicli motus est arcus ... ex-
pressus inter ... et lineam exeuntem a centro terre per centrum epicicli
¶ Verus locus planete est linea exiens a centro terre per centrum
planete ¶ Linea vero planete ... significatur ... in zodiaci ...
zodiaci incipiens ab ... terminatur planetam ducentem ad quoddam punctum
terre ex opposito angulis circulorum ¶ Centrum vero medium planete

dicitur arcus zodiaci comprehensus inter augem centri et medium
motum epicicli. Et in sole dicitur argumentum et luna vel centrum vel longi-
tudo 2x vel 2° in mercurio. ¶ Centrum autem veneris dicitur arcus zodiaci
existens inter augem et verum locum epicicli. ¶ Argumentum medium
dicitur arcus epicicli cadens inter augem mediam et centrum planete computa-
tum secundum motum planete in epiciclo. ¶ Argumentum verum dicitur
arcus epicicli cadens inter augem mediam et centrum corporis planete secundum
motum eius in epiciclo computata. ¶ Invenire medium centri subtrahe equationem
centri in zodiaco a centro medio et adde equationem centri de epiciclo argumento
medio ut habeatur verum centrum et argumentum verum et similiter medium sit eius
quod facile patet in figura precedenti. Sequitur alia [illegible]

Et quando centrum epicicli fuerit in auge vel in opposito augis nulla sit
ipsa dicta equatio. ¶ Equatio argumenti planete dicitur arcus zodiaci existens
inter verum locum planete et verum locum epicicli. Et manifestum est quod prope
accidit centrum epicicli ad centrum terre arcus planete existente uno et
eodem motu tanto plus crescit equatio argumenti [illegible] arcus [illegible]
epicicli existente in longitudine propinquiori [illegible] existente in longitudine
[illegible] in auge equatio
argumenti [illegible] semper [illegible] centrum equatio
in longitudinibus mediis [illegible] centrum epicicli [illegible]
[illegible] super centrum [illegible] dicitur [illegible]
epicicli in longitudine [illegible] diametri epicicli [illegible]
[illegible] diametri mundi [illegible] ¶ [illegible]
[illegible] in auge [illegible]
[illegible] in tabulis
¶ Excessus [illegible] ad longitudinem [illegible]
[illegible] ad longitudinem [illegible]
ad longitudinem longiorem ¶ Excessus [illegible] ad longitudinem mediam
[illegible] ad longitudinem propiorem [illegible] ad longitudinem propiorem
¶ [illegible] diametri [illegible] ad longitudinem longiorem subtracta vel
ad longitudinem propiorem addatur equationi argumenti [illegible]
[illegible] centrum epicicli [illegible] plus centro
[illegible] plus [illegible] argumenti [illegible] in figura ¶

Sit ymaginari de mercurio et veneris intelligitur duos eccen-
tros unius quantitatis atque in eadem superficie plana positos
et equales et propinquior terre [illegible] in duplo distat
centrum deferentis a centro equantis quantum distat centrum equantis
a centro terre quia quidam primus caelus [illegible] tamen
centra centrorum et super circumferentiam [illegible] circuli m-
ouetur cottidie centrum deferentis ab oriente ad occidentem
quem sol pertransit proprio motu contra firmamentum et [illegible]
secundum augem equantis in quanto sol pertransit firmamentum
in tanto est axis circuli et quilibet punctus circuli pertransit
equatorem et centrum circuli suum punctum quere. Con-
tingit aliquando quod centrum deferentis et centrum equantis sint
in eodem loco quando tunc tales circuli ambo erunt unus
circulus [illegible] in illo [illegible] propinquior deferentis [illegible]
quam equantis. Contingit [illegible] deferentis ita quod [illegible]
equales angulos describit semper circa centrum equantis. [illegible]
uero immobilis est nisi [illegible] ad motum octaue spere. Epiciclus
autem mercurii mouetur per circumferentiam circuli sui ab
occidente in orientem eque cito quam cito mouetur sol contra
firmamentum. Unde patet quod centrum epicicli bis pertransit bis ec-
centricum circuli sui in mense ita centrum epicicli mer-
curii pertransit bis eccentricum suum in quo una uice mo-
tu proprio alia uice motu [illegible]. Iste uero epiciclus [illegible]
aliorum habet duos motus scilicet medium et uerum. Unde motus
medius [illegible] per lineam exeuntem a centro terre et distantem linee
exeunti a centro equantis per centrum epicicli et [illegible] motus [illegible]
cum medio motu solis quia [illegible] equedistat [illegible] a centro
circuli equantis [illegible] et linea exiens a centro circuli
equantis [illegible] centrum epicicli sui et linea exiens a centro
terre equedistantes [illegible] duabus [illegible] moueantur
equaliter [illegible] equedistantes [illegible] omnes erunt una [illegible]
[illegible] linea uadit [illegible]
centrum epicicli [illegible] centrum solis [illegible] in eo loco [illegible] linea que
exit a centro circuli [illegible] sol [illegible] cum linea
exeunte a centro equantis per centrum epicicli. Verus autem
locus uel motus epicicli determinatur per lineam exeuntem a cen-
tro terre per centrum epicicli. [illegible] centrum epicicli et
axis circuli [illegible] partes [illegible] sicut [illegible] equato
sol medio motu. Centrum uero epicicli [illegible] punctus circuli
deferentis semper [illegible] equales angulos describunt
super centrum equantis eque cito a centro deferentis mouetur

[N]ecessaria tamen fuit ut in partibus equalibus equales arcus
describat in primis quare equales in equante describit
¶ Cum ante centrum partem pertransit sui circuli primi non circuit
centrum partem equantis ¶ Etiam [sic] potest apparere sui oppositi quod
axis deferentis non potest esse in uno puncto equantis cum linee exeun-
tes a centro terre per centrum deferentis [illegible] augis deferentis
supra augem deferentis in arcu equantis [illegible] a duobus
lineis [illegible] super unum circulum [illegible] movetur centrum deferentis
cum semper [illegible] per centrum terre ut oppositum augis deferentis supra
illum arcum sit [illegible] sit centrum et [illegible] accedit et ne
recedit augem [illegible] augis equantis ¶ Et hoc [illegible] partes augis
scilicet dextra et sinistra equantis immobilis ¶ Et quoniam axis deferentis
non possit esse [illegible] punctus eius deferentis [illegible]
est axis potest esse in quolibet puncto equantis [illegible] eius
et hoc [illegible] ¶ Secundo quia axis deferentis recedit ab auge e-
quantis versus occidentem et [illegible] sectio illa scilicet deferentis et e-
quantis que est post augem equantis [illegible]
ad augem equantis et alia sectio recedit ¶ [illegible]
[illegible] augis deferentis ab auge equantis versus orientem
quoniam [illegible] centrum epicicli [illegible] augis def-
erentis [illegible] auges [illegible] oppositorum augium et centrum epicicli sunt
in uno diametro mundi et cum centrum epicicli est in opposito augis
deferentis [illegible] similiter [illegible] in eo diametro et [illegible]
sunt [illegible] et [illegible] epicicli [illegible]
[illegible] deferentem [illegible] in anno [illegible] non est in auge ni-
si semel [illegible] dum centrum epicicli est in una medietate
equantis centrum [illegible] deferentis erit in medietate sui primi
circuli [illegible] alia medietate equantis ¶ Et cum centrum epicicli
est in auge [illegible] in puncto deferentis qui [illegible] in uno
[illegible] potest esse in puncto [illegible] deferentis maxime
accedente terre qui [illegible] sui deferentis quia
cum in opposito augis qui [illegible] axis sui deferentis
et ambo circuli sunt [illegible] centrum epici-
cli in opposito augis equantis ¶ Secundo duo sunt in quibus maxime
accedit centrum epicicli a centro terre et in aliis lo-
cis non potest tantum accedere ¶ Illa vero duo loca sunt
puncta parte opposita augis equantis [illegible]
contingentes [illegible] circulum super quem movetur centrum
deferentis et transeuntes per centrum terre ¶ Cum igitur cen-
trum epicicli est in auge statim incipit ire versus

Orientem in suo deferente et similiter centrum deferentis
incipit ire versus occidentem in suo proprio circulo. Et
quando centrum epicicli est in capite linee coniungentis
cuspidem et partem oppositam augis deferentis equantis fit cen-
trum deferentis in puncto contactus primi circuli cum ipsa linea
erit tunc axis deferentis in maxima inclinatione ab auge e-
quantis tunc est centrum epicicli in opposito augis deferentis
et erit tunc in maiori equalitate appropinquationis ad terram
quia tunc centrum deferentis descendit plus in suo
proprio circulo ut ad centrum equantis vicinat et plus in mo[illegible]
opposito augis ad centrum terre quod faciliter patet in superiori
figura et intelligentia motuum earum quoque inveniri diligenter [illegible]

Et quando autem est centrum epicicli in primo arcu deferentis et est
puncta ut capita centrum coniungentium quod capiti sue
propinquius opposito augis equantis superior et in opposito augis defe-
rentis. Exemplum scilicet quod quando [illegible] bina parte tamen [illegible]
deferentis a longe [illegible] in ea [illegible] [illegible]

deferentis tamen nunquam tantum appropinquat in capitibus linearum
contingentium. Verus motus et verus introitus et medium centrum
et verum et medium argumentum et verum. Equatio centri et argumenti
et in epiciclo et axis vera et media et equatio argumenti omnia sicut de-
scribuntur in Venere et in Mercurio sicut in tribus superioribus. Equati-
ones vero que scribuntur in tabulis sunt equaciones centri si supponimus
centrum epicicli in intersectione circuli equantis cum
deferente. Cum enim centrum epicicli est in auge statim mo-
vetur versus orientem in sectionem primam que est ante illum mo-
tum adinvicem que contingunt. Et equaciones argumenti que in contingentibus
sunt continue scripte in tabulis. Similiter contingunt in alia secti-
one centro epicicli existente in aliis locis deferentis
et sumuntur tunc equaciones argumenti. Proxima proportionalia
que oportet quod tria sint proportionalia minutorum proportionalium
scilicet equacio proportionalia ad longitudinem longiorem et excess-
sus linee a centro terre exeuntis ad centrum epicicli
ipso existente in auge deferentis ad lineam exeuntem [illegible]
locus intersectionis et ad lineas contingentes ubi est [illegible]
maxima appropinquacio centri epicicli centro terre et item
tertia minuta proportionalia ad longitudinem propiorem capiuntur ab eodem
loco usque ad oppositum augis equantis cum sit linea
exiens [illegible] autem proportionalia cum ad longitudinem
longiorem propinquiorem diversitas diametri circuli bre-
vis duplex est scribenda sicut in tribus superioribus. Venus
vero habet deferentem et equantem dispositas sicut et superio-
res et non est sicut in Mercurio et in eodem loco elevabuntur
in quo centrum solis et centrum epicicli sui ita cito movetur
sicut sol quia medius motus est medius motus epicicli eius scilicet
Mercurii et Veneris eo quod linee exeunti a centro terre eque
distanti due linee quarum una exit a centro eccentrici
solis per centrum solis et alia exit a centro eccentrici equantis
per centrum epicicli. Deferens autem et equans immobiles
sunt nisi quemadmodum ad motum octave spere [illegible] quod de-
ferens movetur in latitudinem [illegible] in aquilonem ita ut
sit aliquando deferens in eadem superficie plana sub ecliptica vel
ab eadem linea versus utrumque polum et declinat
deferens ab ecliptica [illegible] de hoc motu dicetur in latitudinibus et omnia
alia de Venere similia sunt tribus superioribus [illegible]
et hec de Venere et Mercurio dicta sufficiant. Capitulum decimum

Sequitur de retrogradatione planetarum [illegible] placita
dicatur directus quando motus [illegible] motu
epicicli contra firmamentum. Retrogradus dicitur

quod motus eius non invenitur modo. Epicicli statio prima dicitur
epicicli punctus in quo incipit retrogradari planeta. Sta-
tio secunda dicitur punctus in quo incipit dirigi. Prima
Luna vero non dicitur habere hec tria dicta cum ipsa habeat
epiciclum propter hoc quia citius movetur epiciclus quam ipsa
luna dum est in superiori parte sui epicicli et est tarda in cursu, si
in inferiori velox in cursu. Directio prima in 2a figura dicitur arcus epicicli
cadens inter augem veram epicicli et punctum stationis 2e in prima
figura dicitur arcus cadens supra primam stationem et 2am. Retro-
gradatio est arcus epicicli cadens inter primam stationem
et 2am. Arcus dico comprehensus per oppositum augis epicicli
et sic similiter secundum expositionem stationis directionem et iste arcus in-
[illegible] secundum quod centrum epicicli accedit ad centrum
[illegible] puncta stationum. Et si subtrahatur arcus
prime stationis a statione secunda remanet arcus retro-
gradationis. Et si subtrahatur prima statio a toto circulo re-
manet statio secunda. [illegible] est arcus [illegible] est arcus
a. b. c. Medius motus cuiuslibet planete ad tempus pre-
teritum qui non scribuntur in tabulis sic accipitur. Accipe
radices in annis collectis [illegible] accipe medium [illegible]
in annis expansis annorum [illegible] [illegible]
[illegible] annorum collectorum et annum quem queris [illegible]
extrahe de radice si fieri posset si non addatur radici una
revolutio [illegible] et residuum est medius motus planete
quesite. Media coniunctio vel oppositio dicitur [illegible] medius motus [illegible]
[illegible] motus [illegible] visibiles et [illegible]
significat gradum [illegible] et 2o digiti [illegible] diametri
corporis lunaris vel solaris. Minuta casus dicitur
minuta celi que transit luna a principio eclipsis usque ad [illegible]
lune si non obscuratur tota luna vel usque ad principium
totalis obscurationis si tota obscuratur. Et in sole minuta
casus sunt minuta celi que pertransit luna a principio eclipsis solis
usque ad medium. Minuta dimidie more sunt minuta
que pertransit luna a principio obscurationis usque ad mediam.
Et propter hoc si ista minuta dividantur per motum lune equaliter
in una hora venit tempus in quo tempore pertransit
ea puncta minuta vel puncta residua dicuntur [illegible]
residue [illegible] que sunt ab auge usque ad [illegible]
que posita [illegible] lineis tabularum eclipsium [illegible] latitu-
dinum inter se equipollentium vel latitudines

Et impossibilitates autem accidentes adinuenerunt tenentes computant
auctores astronomos minores medii sunt inter ambos scilicet solis
solis et lune et maiores autem sunt tardiores ambobus et minores celeriores
autem hiis mediocres medii tardi dicuntur planete ut caput
qui sunt retrogradi velociores manifeste tamen qui sunt
directi / tamen hiis dicuntur planete qui equaliter currunt addi. sunt mediocres
cursum equinocti hiis eque tamen hic dicuntur cum recedunt
a sole cum sol abeis equinocti hic dicuntur qui accedunt ad
solem vel sol ad eos Itaque superiores planete oppositi et figuri dex-
-tri... cum coniunctione quod superiores fiat maior a sole quia nob-
-iliore planeta et ab ariete qui nobilius est signum... ac-
-cedit dicere quia est pars dici ipsius nobilior et 2am sub
qua sunt equaciones que in medio mundi etc. Sequitur

Latitudo planete est distancia centri corporis sol a ... distancia
ipsius equinoctialis linea / unde patet quod sol non habet latitu-
-dinem sed solem declinationem quam declinationem accipimus in
sole per distanciam centri solis ab intersectione prima quam
circulus sol cum equinoctiali capiunt ... Latitudo lune vero capitur
per distanciam centri corporis lune ab intersectione prima
quam facit circulus lune cum ecliptica sol id est accipitur sursum
et sic accipimus declinationem graduum orbis signorum in quo est luna
eadem hora accipimus latitudinem lune ab orbe signorum

r. auia solis et si fuit auīla s. latitudo et declinatio ut ꝙ d-
mi latio lcs et indeclina lcs in zingū utsz et exit nobis
declinatio lune ab equinoctiali et fuit diuerse subtrahenda
minorem de maiori Similiter et in alijs planetis
inueniuntur declinatio ¶ Et notandum quod eccentricus
lune semper eodem distat auia solis et epicicli seper
e in superficie eccentrici que luna non habet nisi vna latitudinem
¶ Alij aut planete habent duplicem latitudinem alij vnam
qua declinat epiciclus ab eccentrico alia eo tempore quo decli-
nat auia solis et per tabulam binarij latitudo inueniatur
sm epicicli per tabulam quaternarij inueni latitudo secunda
eccentricum et dr binarij secundum eo quod habet duos versus et tabula
quaternarij quod habet quatuor versus in tabula binarij secundum ad 6 signa s. me-
dietatem circuli et quaternarij secundum est ad quartam partem circuli et tabula
binarij secundum est ad 6 signa s. quelibet tabula suo signo et tabula
quaternarij ad 3 signa s. quelibet tabula vni signo quod desinit
l. signis per equipollentiam quia vna tabula binarij est idem pre-
cisely io mea intrat in ea p distantiam auie capitis
et latitudo que scribitur in tabula binarij e distantia penes cen-
trum epicicli ad eccentricum eccentrici distantia dico quomodo nisi
via sol quod dr eclipsis quod vpa eclipsis ut tunc eclip-
si sol et lune inclinat ab epiciclus ab eccentrico ita quod ff erit
planeta in linea eclipsis et centrum epicicli in centrum
epicicli est in capite vel in cauda draconis et in epicicli
e duorum in eccentrico et cum planeta est in auge epicicli tunc
maxime declinat planeta in via solis quod ce maxime inueniuntur
latitudo in tabula binarij ¶ Julius non memineris quod medio-
criter declinat planeta medietas inueniuntur latitudo et latitudo
quod inuenit in tabula quaternarij e distantia centrum eccentrici
auia solis quod distantia circumferentie e pruula cui e pueno-
dos et maxime cum est in locis remotis a nodis per
tria signa et propter hoc inueniuntur in tabula quaternarij
latitudo minor in principio et maxima in fine et in medio
mediocris patet igitur quod sunt duabus latitudinibus
semper vna subtrahenda est ab altera compositor vero ta-
bularum ad confusionem ingenii sui voluit ponere numeros
vero predictarum latitudinum in quibus subtrahi
vna ab altera semper si posuit numeros equipollentes
in quibus si diuidantur vnus per alterum idem pro-
ueniet quod proueniet si subtrahens vnum vero numerus

In baltero omni subtractione equipollet equa divisio et
equiso idem enim est si dividis 6 per tria et si subtrahas
duo a quolibet ideo una latitudo dimidiatur per aliam. Cum vero
centrum epicicli est in medijs tunc maxime latitudines tunc enim dir
ectus est epiciclus in centro et centrum epicicli cum via solis
et mutat quod sit media latitudo non sunt minutis vel pz per hoc quod in tabula
martij invenitur latitudo nostra 6 gradibus sicud aliqui extra
zodiacum et tamen per divisionem istius adalecz invenitur est
latitudo verum. hoc est quod dixit autor proportionabilis latitudinum
integras si inveniantur in minutis sic subtrahis et addis loco
divisionibus et dico quod si dividas latitudinem tuam propriam per tria
computando a libra zodiaci ut tota sit latitudo duorum graduum
secundum unam computacionem est et alia graduum secundum
aliam computationem. Caput et cauda enim superiorum immobilia sunt.
Caput et cauda veneris et marij mo. et ideo aliter in veneris ar
gumentum latitudinis ut in superioribus et aliter in ipsis. Capitulum
non est et neccesse mo. est proportione quod verus locus capitis mutus
distat ab arietis per tantum gradus et verus locus capitis scriptus in tabula
canonis distat alio modo quod fit a medio motu solis et arietis
illorum equato medio motu solis vel locus capitum dirigi
ca ab ariete etc. successionem signorum s. ar. tau. ge. et medij ipsorum
capitum dirigi computati s. equi s. pris. aqua. et sequi medius
motus capitis cum vel capitis faciunt 12 signa subtrahas in
mediam cursum de 12 signis et remanet verus. Compositores vero
tabularum dicuntur fuisse tirem birothermice vel homines ethico
alia thauri albumna sed algorismus medicet primus
distat ab utroque gradibus s. allexander et tredis equalis distat
n. gradibus allexor porius in oriente equator s. gradibus 94 aequalis hanis
portus in occasu 90 gradibus 4 veraque polo 90 et gradibus
et qui vult imitare tabulas adalia loca subtrahat medium
cursum stellarum inter horis per quod horis distant loco ab ortu sub
et hant dico ut addant tamen in annis collectis et placet
ad medium diei ad medium vel post dicemus as et hunc
adidem tempus et quod vo hic fac post gradu solis medijs
lucet et fact ... ut vel et uis tot horis quod gradibus
hunsi an medium vel post et in vero a fortiori
pute una cronice in medio ec... si equis per libras altitudinis
facias longitudinem in regiones pro diversitate locorum hunc et non opor
tebit te expectare eclipsim si capis altitudinem inferiorem
limbi solis et hunc in dorso astrolabij et latitudinem superioris limbi
nota primus locum alhidade et sicas quantitate dia
metrorum solis et lune respicias solis in medio anno.

47

Nota quod auges omnium motuum [illegible] oriente a gradibus in 900 annis
et totidem versus occidente in aliis 900 annis. Item dicitur
moveri ad a[illegible] integri in 60 annis et 2 mensibus et uno gradu
semper versus oriente Alphragani non narrat eas mo-
veri in 100 annis uno gradu versus oriente semper. Item scito quod
dicitur quod cum sol fuerit in medio [illegible] sui cum in proprio
[illegible] ad [illegible] in longitudine longiori [illegible] ab-
centa in dorso astrolabii cum gradus solis in [illegible] posita super
almucantarach in meridie sit [illegible] et [illegible] dicitur
a [illegible] distancia inter [illegible] altitudines in ea erit sol in auge cen-
tri prima motus predicta et quanta est distancia tanta est cen-
trum sol et quantum radius sol [illegible] super [illegible]
dent si gradus solis ponetur super [illegible] almu-
cantarach in [illegible] erit [illegible] et hoc erit accepto quo q
[illegible] in uno anno in meridie in quo die [illegible] sol in au-
ge et quantum elevatur sol super alia die et [illegible] anno
[illegible] elevatur [illegible] sol mota
in uno anno et [illegible] dicitur albathegni [illegible] mo-
vetur auges planetarum [illegible] 2 [illegible] et ta[illegible] [illegible]
posuit et [illegible] astrolabii [illegible] antiquitatis

Aspectus planetarum sic [illegible] [illegible] [illegible] equacionis
[illegible] planetarum [illegible] ascensionum signorum [illegible] quod in-
cipit ab ariete et numerus gradus [illegible] sub signo
gestanti ipsum planetam [illegible]. Deinde mittitur cum signo
equacionis [illegible] alterius planete et numerus graduum [illegible] sub signo
gestanti [illegible] et [illegible] istorum duorum numerorum [illegible] acceptorum minor
a maiori [illegible] sit [illegible] et si [illegible] 60 per [illegible] appa-
rent ibi tres planete et si [illegible] quam [illegible] [illegible] 60
per [illegible] si remansit [illegible] per [illegible] est aspectus [illegible] Si remansit
[illegible] per [illegible]. Et si remanserit tot gradus quod complebitur [illegible] per [illegible]
erit aspectus opposicionis. Si plures gradus aut paucos
remanserint non aspiciunt se planete. Si non remanserit
[illegible] planete ipsi coniuncti corporaliter. Si remansint
tot gradus quod complectitur alterius splendor erunt
coniuncti [illegible] ipsi planete et non corporaliter [illegible]

Et sic adest finis huius Theorice planetarum [illegible]
sub anno millesimo [illegible] 88 in die sancti Bartholomei hora 20

Non secreta tui cordis scit omnis amicus
Hic tibi forsan erit capitalis inimicus

× [illegible] subtracto [illegible] ab a[illegible] [illegible] altitudinis capitis arietis ab altitudine solis meridiana [illegible]

Utilitates novi quadrantis breviter

[U]tilitates novi quadrantis breviter et lucide colligere [illegible] in visu et cognitionibus super eo [illegible] et lucide positas ac [illegible] obscuritatibus [illegible] volui [illegible] per capitula seu per paragraphos distinctos. Si vis scire altitudinem solis [illegible] elevationem eius super centrum [illegible] vel alicuius stelle [illegible] quadrantis [illegible] ad solem vel ad stellam [illegible] cum [illegible] pinnularum foramina [illegible] lineam [illegible] perpendiculi [illegible] ostendunt. Si vis scire declinationem solis et stellarum [illegible] distantiam eius ab equinoctiali pone filum super [illegible] sol [illegible] dici et [illegible] super eius ecliptica [illegible] manente fixo duc [illegible] et si [illegible] equinoctialem [illegible] declinatio [illegible] Si [illegible] equinoctialis [illegible] de stella si posueris [illegible] super [illegible] do ut [illegible] est. Si volueris scire [illegible] signo [illegible] sol [illegible] in dorso super [illegible] dici et [illegible] ab [illegible] sol [illegible] esse notum. Si vis scire [illegible] sol [illegible] dici [illegible] orizon [illegible] et [illegible] ad orizontem [illegible] ab orizonte usque ad equinoctialem [illegible] solis in meridie [illegible] altitudinem [illegible] declinatio solis altitudini [illegible] et tollentur [illegible] residuum [illegible] solis in meridie declarabit [illegible] in meridie. Si vis scire [illegible] stelle et meridiana pone [illegible] super centrum [illegible] et duc [illegible] declinatio [illegible] adde eam altitudini [illegible] at meridi [illegible] eam [illegible] et tollatur vel residuum eius [illegible] meridiana et de illis stellis [illegible] que oriuntur et occidunt [illegible] de aliis stellis [illegible] orientur [illegible] ascendentes de polo [illegible] usque ad [illegible] quos [illegible] de his ad elevationem poli [illegible] orizontem [illegible] eius altitudinem meridiana [illegible] Si vis scire [illegible] orizontis [illegible] elevatio [illegible] regione [illegible] solis declinationem et [illegible] meridiana et si declinatio fuerit [illegible] de eadem declinatione altitudinis solis in meridie [illegible] subtrahe eam ab eadem [illegible] capitis arietis [illegible] regione [illegible] de [illegible] residuum [illegible] tui orizontis. Eodem [illegible] sole [illegible] stellam que oritur et occidit. Si eam declinationem subtrahe [illegible] meridiana eius altitudine [illegible] fuerit [illegible] fuerit [illegible] et tollendo vel residuum [illegible] capitis arietis [illegible] regione [illegible] si subtrahere [illegible] tudo tui orizontis [illegible] scire [illegible] de stella [illegible] occidit [illegible] maximam [illegible] altitudinem [illegible] per [illegible] medium

et minus quorum [illegible] altitudo poli vel orizontis [illegible] de [illegible] ascendentes [illegible] ad [illegible] poli et [illegible] minima stelle altitudine. Si vis scire sol [illegible] ignotum accipe altitudinem sol in meridie [illegible] si fuerit [illegible] arietis [illegible] altitudinem [illegible] usque [illegible] vel si fuerit [illegible] subtrahe [illegible] ab altitudine arietis [illegible] residuum [illegible] declinationis pone [illegible] reduc ad eclipticam [illegible] [illegible] signum. [illegible] per stellam [illegible] oriens et occidens [illegible] oriens et occidens [illegible] orizonte [illegible] solis [illegible] Si vis horas diei [illegible] altitudinem solis meridiana pone super eam [illegible] equinoctiali [illegible] manente fixo pone [illegible] sol radiante [illegible] altitudinem [illegible] horas [illegible] et si [illegible] duc [illegible] ad [illegible] ad locum [illegible] duc [illegible] arcum [illegible] hora [illegible] arcum [illegible] Si vis scire arcum diei [illegible] et [illegible] de die et de nocte pone filum super [illegible] dici [illegible] super eclipticam [illegible] et duc [illegible] ad orizontem [illegible] et orizonte [illegible] ad [illegible] si fuerit [illegible] arcus diei [illegible] Si vis scire arcum [illegible] dici [illegible] per 12 et minus [illegible] est [illegible] hoc [illegible] si [illegible] noctis [illegible] dici vel noctis [illegible] arcum dici per [illegible] minus [illegible] dies [illegible] si [illegible] noctis equales. Si vis scire [illegible] dici et noctis [illegible] dum [illegible] si posueris orizontem [illegible] poli elevationem [illegible] cum sole [illegible] dies [illegible] sine nocte. Si [illegible] posueris [illegible] sine nocte [illegible] Si posueris [illegible] dies sine nocte [illegible] menses. Si [illegible] dies sine nocte et alia [illegible] sine die. Si vis scire [illegible] ascensionem [illegible] pone filum super [illegible] de quo [illegible] equinoctialis [illegible] filum [illegible] ascensionis [illegible] equinoctialem [illegible] Si vis scire [illegible] altitudinis [illegible] ad orizontem [illegible] arietis [illegible]

× [illegible] 12 in horis [illegible] equales [illegible] horis [illegible]

Nota [illegible] equinoctialem [illegible] poli [illegible] [illegible] astrolabij

[illegible] per [illegible] equinoctialem [illegible]

[illegible] per [illegible]

[illegible] de additione graduum horarum ascensionis [illegible] 360

[illegible]

[illegible]

No(ta) q(ue) sunt domus angulares & cadentes & succedentes

2 12 3 1 11 10 4 7 9 6 8

celi medium et medium ... arcus diei stelle et videlicet medium diei ... [illegible]

[illegible] si fuerit stella in directo uel sub ... [illegible]

[illegible]

Si vis scire ... locum planete ... [illegible]

Si autem ... declinationem ... [illegible]

Si vis scire ... [illegible]

Si vis scire ... [illegible]

Si ... [illegible]

Si vis scire ... [illegible]

Si vis ... [illegible]

[illegible] ... altitudine ... [illegible]

Si vis scire ... [illegible]

Si vis ... [illegible] ... in equalium ...

Sequitur capitulum

Si stella fixam vis scire ... [illegible]

[illegible]

[illegible]

Sequitur aliud

[illegible]

Si vis mensurare altitudinem [illegible] rei per radios solares [illegible] umbra [illegible]

[illegible]

Si vis mensurare longitudinem plani [illegible] ... quotiens est longitudo plani

[illegible]

Si vis scire puteum profunditatem [illegible] ... in profunditatem

~~[illegible] finis canonum huius novi quadrantis~~

Expliciunt canones novi quadrantis

[illegible]

Sequitur [illegible]

[illegible]

alia [illegible]

[illegible]

simplex

[illegible]

In corpore horologii primum debet fieri primo rota alias motrix ad hoc requisita quod ista vertit et admirat tres rotas nota et tres rotas admonendo sive levando mallevum campane resonantem et tres rotas requirit ad ordinacionem quandam rotarum illas componit que circumvolvuntur inde nisi semel et volvit primo molis vera de hoc signatam diversa ymagine continue ... dies. Et rota motrix vero et nota motor primo motor extra quod ipse movet primo motor motrix vel in motu extrinseco rota extra dua in motu aquando zona ci in quadam volvella circumvoluta extra ponderis. Et rota quo ponderis super motorem primo et movet abe de rota vero ut infortunans extra quod infortat motor eius primi medii suo in tardato quod est latus eius ponitur. Et dicitur in tardacione quedam finita cui tam longo ut dicatur infor. sed paulo longius habens in inferiori parte ad extra cum infra ponderu admonet ... cui prima pondera appendet. Et vero a multis parte rote in circuitu ... movens ponderanter vel axibus rotarum motarum quos sunt ut sic movent ante que bobo rotulas et mediat ... motus rotas quod una motor alia movet eius infortas et que alia rota alia motrix rotula mota rota est involutum antequam rotarum moventes semel involvant quociens dentium rotule habent dimino denarium circumferencie movent. Et admonendum sive levandum mallevum campane si volumus una apponere et tres rote requiruntur admirasse bene et debite et tarde moveri debeat sive possit cum duabus sive vel una sed non ita faciliter sed cum tribus quorum summa vocatur urgens quod urget alias et ut dictum levet mallevum ut primo unum ictum faciat et secundo levet mallevum et primo vincitur faciat. ... ordinate ... horas ad ortum 12 horas itaque 12 a meridie in aquiloni usque ad medium noctem et a media nocte ad medium diei sequentis sic aggregatum sunt 24 horas diei. Et rote levans quod mallevum levat et habet verso exclave levas quod motrix levat mallevum motrix vel inferioris clavos quod motrix zona ut si campana [illegible] distaret secundum motrix zona ut si campana ... ab horologio vel alto vel depressi loco vel ad latus situate sive que statim extra opus horologii. Et rote corpori velociter tardius movent ... ut levans tardius levet mallevum et ut vero ... producat hec sunt circa adimposicionem rotarum principalium. Et alias et rote extra quod spacii motus lune et motus solis in zodiaco et similiter per motus ad ortum zodiaci per circulum et adventus cum ... ... extra quod simul cymbalorum ... motum concordi ordinacione et rote movent ...

... orgatorum in alio tractatu specialiter faciam subtiliter. Nunc ad propositum rotarum quod accidat post primo ... belles scilicet quod ... quod ... rotarum movent sit pars plures distancie. Abeunte quod dentes rotarum abeis motarum ut rote non quiescant et usque ut infra convenienter ... opus. Et alia doctrina fit extra opus horologii sive bona ductile vel de alia materia ... fit horologium ut si dentes sit nimis breves quod possint prolongari et si nimis longi faciliter acuentur ... doctrina ... ad hoc opus provenit duabus rotarum una velocius currit quam alia abscadens ... medium dentium rote mote et similiter rotule medians movet rotam motam in vero artificiali ponas ad tabulam ad calculum ... et si cibus medius parte superiori in ostendunt quociens rota velocior debeat moveri in comparacione quociens tardior debeat moveri ... parte superiori et post in dentium rotule mediant in ... in sinistra parte inferiori et ultra ... superiorem ... productu ... dividas primum superiorem ... et ... quociens ... quod dentes ... rota mota tardior et post ... parte inferiori et si ... dentium rote mote tarde et volumus ... per ... dentium rotule post ... parte inferiori et ... primum ... parte superiori et productum dividas ... superiorem ... quociens ... dentium rotule et ... in sinistra parte inferiori ... Et si ordinamus ... dentium rote tarde mote et quod ... volumus ... quociens volumus rota velocia mota antequam tardior semel involvatur ... velociter ... velocior ... rota ... tardior ... dentium rote tardioris in ... inferiori parte ... et post ... dentium rotule in parte inferiori sinistra et ... quociens rota tarde mota circuiat ... superiori sinistram et ultra ... superiorem sinistram ... dividas ... inferiorem sinistram ... quociens ... Et ... habet hec doctrina si habilis 2 rotas quarum una debeat movere aliam et una debeat tardius moveri quam alia et volumus habere 2 rotas vel rotulas ... medias ... una ... aliam ... ... Et non quod ... rote sic habuerit quod una debeat aliam movere mediante rotula et rotula est affixa ut ... velocior ...

caueat s. rota cum e dimicerit. In istis uero
q' rota mouens cum dua[bus] tanquam alia rota
mota scilicet bis uel plures et inde uelocitas
poterit. Et ideo pro medietate de duabus rotis
tam quam se inuicem mouent. Modo docetur qui finis
adhibendus sit an rota dentium aliquid utile
sit et ut capias unam partem primam uel aliam
unam qui possit habere partes aliquas integras
et non infractas. Et per facilior modo procedit
et rotula mouente sparsa facies et unum dentem
qui sit pars aliqua unius dentis rote mote uel
mouende. Et hoc fiet quando adequalia proponenda.

Ad propositum motorem primi mobilis disponenda rota
secundum libitum qui rotundata per eum
aliud bene eloqui non ualet et fiat inde
cuius partes faciunt quadrantem ut adiens ei opponere duos
fixe non moueantur. Et iam fine cum rota circumducta
et quibus motis post cingulum fortiter ut cum
sua rota cum affixa moueatur. Et tunc quas
rotula de parte fixe in rotam aliquam rotam uel
et postea rotule hec due partes intuitas plures rotas
et affigantur unus aliquam rotam et cum eis mo-
ueantur concentrice et excentrice. Circa rota bis
disposita duas 2 circulis circuli una circa
centrum et rota alia infra illam usque ad centrum. Si ab
ea cum disparate circa longius habere uolumus dentes
una si rota sit tam magna ut dicatur circa
quem longius magis extense uel paulo ma-
ior et debent circulis disparate placentur et ala-
mi et si est multum maior quam fieret propter absit
spatium intercepti inter circulos. Circa dentes ma-
iores in circuitu circuli tot partes applicantur et 2
quantum rote erit si est tam magna ut ia dentium
et in 128 partes et si maior multum est diuides
eam in plures partes similiter tamen unam prima dentem in
illa diuisione datum et si in 128 et dictas circulis
prima in partes et et ualebit quelibet 32 etiam quelibet
in 4 ualebit et quelibet octo. Et etiam qualibet
in 8 et quelibet 8 ualebit 2. Circa quod diuiden-
dum primo et scilicet diuiso 128 uel posses primo
diuide totam rotam in 2 partes et postea utramque iterum
in 24 partes usque ad inuicem in quolibet binas
scilicet centesima 28 partes totius circuli. Et cum bis
diuiserit rotam in tot partes quot quantitatis fuerint opor-
tet quod diuisio cum quodam punctorio talibus
inprimendo. Ubi nota una ut dentes inter de tu
fiant. Hoc facto lineis cum lima bis dentatur

quasi et notas usque ad 2 circulis exterius
et facias dentes autem ad motorum singulis circuli
cuius centrum sit nota una exterius. Diuisio bis facta
sint dentes et lata ipsorum sunt per hanc et lenienter
de facili rotula sua moueat et hoc modo lineas
quousque quelibet nota sit aliquis dentis nota. Et
si rota est perfecta quia prius motor dicitur et hoc modo sed
in hoc casu dentium est quasi totas dictas lima-
to per fortitudinem motoris et dentes alati sunt
et magis aliquid disparate dentium opposite ut est dentium.

Uniformitas motoris et ita dici fiet hoc modo de-
signata rota 2 cuius circuli lata admodum
cui circulus rote cum in quam iste centrum
ut scilicet ipsius sit multo minor semidyametro mo-
toris et sunt dyametri sic secetur et est. Et ubi fo-
ramen stabit et quadrantem ponendum ut lateris
duo ut dentes fiant de parte latere. Et hoc modo facto
describatur duo circulis circuli sit eius circuli humi
in centrum lateris ubi dentes exibunt alia sup
medium circulo eius uel et 2 applicantur habebit
dentes longos uel breues sit tanto circulus que
lata ad latitudinem digiti ut in magis lata sicut
conueniet. Et circa diuide circulum in eo
mi[nor] posita motore partes quantum magnitudine
rote et sunt plus in exemplo longiores de sic distantes
magis circuli signate ab alia uel paulo ma-
et sit unus dentium impar si itaque dentium
poni sup centrum cum magis quam ut si est
rota quamplurimis rote per exemplo ponere ita
motoris fiant dentes 31 uel 33 et 29 postea
signentur diuisiones cum punctorio et et adu-
tas ac motor dicitur mouet ad dextrum uel ad
sinistram parte in aspectu tuo. Et cum et breuis
notas ita signatas adaptantur inter primas igitur
nota linea pendens super 2 circulis si et
motor moueatur uersus sinistram parte lineas
in dextro latere et lineas partes quaslibet
prima linea recte supra circumferentiam et et si mo-
tor moueatur ad dextram parte fiant primas
tales in primis parte angulis linee parte.
Circa amen angulis circulis et has lineas
oblique in dentes ad nota angulis linee parte
et hoc ad illa parte magis parte non fiunt prima. Circa
postea enatunc lima de foras intra primas
et lineas oblique et eas et ut circumferentia 2
Circa ante ferri quam est in angulos obtusos inter
linea obliqua intra et a 2 circulis fiat
factum bis plus omnes dentes dicitur et angula
trianguli oxigonii cuiuspuncti et quibus acuatur

Deinde signatis scilicet quam posita vel forma dicto baltee
dimittes scilicet de rotula que motor movebit vel forma ab
ipso motore adque facienda fiat ferri rotundum primum
admodum casei habeat que in medio foramen quadratum
per quod axis transiens et per foramine transeuntis
ipsos simul fixe quiescant. Deinde ita ut videas in
circuitu quod vel habe dentes ita ut ipse scilicet aliqua
pars in medio dentium motoris qui scilicet exemplum de fu-
mas ex filum et pertendas ipsi in circuitu circumferentia mo-
toris ad tot dentes quot volueris habere ab sandalis
quod filum in tota longitudine et circumvolvabis filum
rotule et videas si primum filum scilicet circumferentia
rotule vel magis vel brevius si sit longius filum
circumferentia limes de circumferentia rotule longitudinem
ut circumferentia primus fiat cum filo si aut filum sit
longius circumferentia fac rotulam paulo maiorem
malleando ipsam calefactam in igne et fiat cum
eius circumferentia filo si aut sit ibi cum invenies
rotula. Et scito quod velle est ut rotula sit plus
quam in duplo vel in quadruplo spissior quam rota motoris
ut si rota motoris movetur dentes facta
non exeunt. Quo facto dividas rotulam in tot
partes quot in dentes fueristi postea limabis
dentes eo modo quo dictum est de limatura dentium
motoris. Et hoc modo rotulam facies de qua dictum.

Sequitur de retardatione quod fiat hoc modo
accipiatur ferrum cuius longitudo sit dyametri vel forte
stat ita quod in infima parte possis volvi in
modum foraminis rotundo cuiusdam tenaculi fiat
et superius talem longitudinem ut excedat dyametrum et ob-
foratur longitudine in medio digitorum latitudinibus et fiat
due pinnule quas sic disponantur ponatur ferrum hoc ad-
lineas circumferentiae ita et interior pars partes exce-
dat in eum videlicet quod in tercio foramine prius dicti
tenaculi tunc notantur tu in medio tangentem acu
scilicet quod divisionis per quinque tangentem linea recta
ab ora notarum ad aliam quo facto qua ferrum
rotundum est de divida circumferentia rotunditatem
ferri in partes et in duabus notis proximis erant
lineae rectae due sursum et deorsum lineae compositis
extremitatibus malleo tunc ferrum in infima parte et
nota prius signatam ad latitudinem dividatis
dentium motoris ita quod latitudo eius prius dicta non
sit oppositum ex spissitudine ferri et latitudinis pinnule
et latitudo pinnule excedit nota exeuntis parte
versus sursum et deorsum predicta ad latitudinem
digiti. Quo facto facias istam pinnulam in supe-
riori nota ferri in linea proxima et in qua

posita est inferior pinnula ut non cadat ad eadem
lineam lineam rectam si ad lineas distantes per quartam
partem totius circumferentie ferri ferrum hoc sit ut pinn-
las rotundas spissum ad spissitudinem parve
vel spissius si opus fuerit magnum ita quod in orbi-
culo habeat ad magnitudinem operis. Deinde limet in infe-
riori parte rotunde figure ut magis spissa in subtilitate
vel adhuc magis fiat post quam in medio foramen
inferius superius exalia parte superioris pinnule fiat
in aliqua parte quadrate figure ipsam pinnulam
fiat tenacula rotunde figure scilicet in infima
parte habeat unum foramen per quod transeat fi-
lum in quo pendeat et fiat ferrum longitudine que dicte
figure ita spissitudo scilicet dictum ferrum sit longius ferro
predicto in sexqualtero vel duplo et in medio habeat foramen
quadrate figure ut per dictum ferrum possit imponi
et superiore pinnula in illo in eo quadrate figure
foramine ac non sit amplius spissum ferri quam spissitudo
predicti ferri dicta parte velut imponitur et sit ferrum
exeunti parte foramine eius spissitudine longitudinis
ponderis et aliud cum illis quod sursum debet
stare distantes a foramine ad quod debent
poni tenacula ponderis prout ista sunt in ponde-
ribus ac duo fine utrimque dicte ut si nimis
tarde moveatur quod pondera proximius foramini
ponantur et velocius movebit. Si ac nimis ve-
lociter moveatur quod possit in motibus poni a foramine
vel extremitatibus eius. Quo facto imponatur ferrum hoc
predicto ferro quod foramine non immobiliter stet in alio
et eum possit cum placuit et apponatur
tunc pondera prout ubi unde tenacula ad extremitates
eius ferri indicatas predictas et perficitur retardatio.
Deinde tu pinnulas facturus predicti ferri si volueris ut
non velocem sonum faciant fac hoc in medio inter
duas notas signatas duo foramina in lineis dis-
tantibus quod dicitur et facias in pinnulas ex
alio ferro quod scilicet disponas fac laminam ferri tam
latam scilicet et profundas dictum in foramine et tam
longam ut a foramine cum quiescit procedant
parvulum nota infima et eo modo fac secundam
pinnulam ut excedat vel superior nota parte
et lamine habeant tenacula disposita in
eadem latitudine quod imponatur ferri in duobus partibus et
oppositis per malleum ut fixe stent in foraminibus
suis. Et aliis partibus usque extremitates procedunt
mobiles et flexibiles sunt et hoc modo facte non
faciunt magnum sonum. Deinde quod hec retardatio

possit uti eadem uniformitate [illegible] possit esse rota dupliciter et que inter dentes [illegible] in medio dentes et retardationem continuo poni et retardationem possit [illegible] uti [illegible] ut scilicet firmitate et hec sufficiant quantum ad retardationem.

Sequitur de connexione uniformis cum sua rotula [illegible] dispositionem scilicet quadratum quod possit in medio foramen quadrata uniformis et rotule hec scilicet fiat tam longum quod [illegible] bis quod distent uniformis et rotula ab invicem ita quod conveniat parte [illegible] eius scilicet rotundum et hec est situs uniformis et rotule ut [illegible] rotundi [illegible] moveatur [illegible] in post [illegible] uniformis [illegible] parte [illegible] dentes non sunt et extra parte fixi in post rotula et [illegible] ambo fixe sint ita ut dissolui possint et si opus fuerit hec [illegible] connectere uniformem [illegible] in parte dentes [illegible] ut quoddam [illegible] in foramine quodam ut volvatur [illegible] ipsam in parte rotundata. Illud autem [illegible] ut retardationem [illegible] dyametri uniformis et eius [illegible] motum reflexionis moveatur et hec de connexione uniformis et rotule sint ita sufficiant.

Nunc scilicet de connexione axis motoris et rotule [illegible] apponendi et [illegible] de quadam volvella zona [illegible] volvatur [illegible] axe [illegible] fiat [illegible] longum ut dyametri motoris [illegible] quod volvens quod distet motor a [illegible] mobili hec [illegible] est quadratum [illegible] parte [illegible] foramen [illegible] motoris [illegible] spissitudinis [illegible] in foramine et extra parte [illegible] axis motoris [illegible] ipsius fixi fiat et rotundum [illegible] volvatur in[illegible] extra parte [illegible] longum [illegible] rotundum [illegible] anterior parte [illegible] rotula [illegible] in poni [illegible] motoris [illegible] parte [illegible] et fixe [illegible] fiat volvella [illegible] ut [illegible] placuerit [illegible] fiat [illegible] dispositio lamina fixi et [illegible] admodum [illegible] parte [illegible] duo rotundi lamine rotundi admodum [illegible] ut [illegible] per foramina axis motoris pertranseat et [illegible] lamine [illegible] ut zona [illegible] et illa [illegible] motoris [illegible] dentes [illegible] distantes ab[illegible] sit [illegible] sint 6 vel 8 [illegible] dentes habeant [illegible] parte movebitur motor et fiat in motore [illegible] admodum lamine et sic connexa dyametro

motoris in illa parte [illegible] quod non movebitur motor et sit motori connexa [illegible] lamina [illegible] longa ut cadat in [illegible] ut [illegible] volvellam illa [illegible] moveatur [illegible] illa parte [illegible] quod motor moveri [illegible] motor [illegible] moveatur [illegible] possit volvi ad oppositam partem motoris [illegible] ipsius motu et sit [illegible] ut [illegible] retardationem [illegible] zona tangat [illegible] illa volvella [illegible] spissior [illegible] posita [illegible] volvellam zona [illegible] volvelle [illegible] illa parte [illegible] parte [illegible] motor moveri [illegible] possit [illegible] totam volvellam [illegible] zona [illegible] parte [illegible] possit [illegible]

Alium modum [illegible] ut motor [illegible] moveatur [illegible] volvellam connexa motori [illegible] axe et dentes [illegible] ad motum motoris [illegible] lamina [illegible] motoris [illegible] illa [illegible] parte [illegible] dentes [illegible] rotule fiat [illegible] lamina [illegible] possit et [illegible] alia lamina [illegible] disposita [illegible] parte [illegible] rotule et hec [illegible] sufficiant.

De compositione primi motoris

Sequitur de compositione primi motoris capiatis rota quadr[illegible] quadrata [illegible] dispositio [illegible] ad rotunditatem [illegible] foramen rotundum [illegible] volvens [illegible] motor [illegible] alias [illegible] volvens [illegible] fiat [illegible] foramine quadratum [illegible] in medio [illegible] rote duas [illegible] distantes ab invicem [illegible] fuit [illegible] volvens [illegible] spissos [illegible] dividas [illegible] in 12 partes [illegible] secundo divisiones [illegible] equali inequalis [illegible] fiat [illegible] volvens apponere [illegible] volvens apponere [illegible] motoris [illegible] alia [illegible] rote alia distante [illegible] volvens [illegible] motoris [illegible] volvens [illegible] ordines motore primi motoris et uniformis [illegible] retardationem ad [illegible] culum ponendo [illegible] axis ipsius [illegible] rotundata ad foramine [illegible] axis motoris debet [illegible] in longum [illegible] parte

Ubi po[illegible] proxis ad volvella conducta [illegible]
ut sibi possit imponi parva rotula movens
[illegible] [illegible] vel [illegible] dicta ¶ [illegible] fac
[illegible] motus movi cum [illegible] tard-
[illegible] appo[illegible] concip[illegible] motor conducta pod[illegible]
[illegible] mag[illegible] [illegible] non nimis velo[illegible] mo-
veatur nec nimis tarde [illegible] [illegible] [illegible] ut h[illegible]-
abeas [illegible] [illegible] [illegible] finis dicta [illegible]
extendas baculum [illegible] capud dicte [illegible]
sole [illegible] vel [illegible] et [illegible]
[illegible] cum cultello lineam unam [illegible]
[illegible] a sole et baculo [illegible] que [illegible]
motu ipsius motoris et videas quot [illegible] con-
ducta [illegible] ad [illegible] dicte sole [illegible]
[illegible] baculi [illegible] [illegible] signatam
[illegible] [illegible] quot [illegible] conductus motor
[illegible] [illegible] [illegible] cum fractionibus
aut cum fractionibus [illegible] fractionibus [illegible]
[illegible] si sit cum fractionibus [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] motu [illegible] ad [illegible] dicte
sole [illegible] [illegible] [illegible]
et videas an [illegible] revolutiones [illegible] fractionibus
[illegible] [illegible] cum fractionibus [illegible] vo-
lutis [illegible] revolutiones [illegible]
[illegible] ad alia et alia loca [illegible]
[illegible] [illegible] [illegible] [illegible]
revolutiones [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] revolutiones
motoris [illegible] dicte [illegible] [illegible] ponam
[illegible] revolutionibus motoris [illegible] dicte ad partem
superiorem dextram [illegible] ad partem superiorem
sinistram [illegible] volvelle [illegible] [illegible]
¶ [illegible] dividas rotam [illegible] tot [illegible]
[illegible] [illegible] [illegible] volvelle [illegible] dentes
[illegible] [illegible] [illegible] possit [illegible] [illegible]-
[illegible] [illegible] [illegible] [illegible] [illegible]
dextro et [illegible] [illegible] anglat[illegible]
[illegible] quot volvelle [illegible] [illegible]
[illegible] dividas [illegible] superiorem dextram
[illegible] quot [illegible] dentes [illegible] ro-
tula [illegible] [illegible] dentibus [illegible] ponam
ad modum [illegible] in 4[illegible] cap[illegible] [illegible] [illegible]
[illegible] [illegible] quadratum ad axem motoris
[illegible] in [illegible] [illegible] quadrata et dividas
[illegible] tot dentes [illegible] [illegible]
[illegible] ut [illegible] in 3[illegible] cap[illegible] ¶ [illegible] quia [illegible]

Dentium [illegible] [illegible] [illegible] [illegible] capi[illegible]
[illegible] [illegible] [illegible] ¶ [illegible] volvellas
[illegible] rotas [illegible] rotulas et [illegible] rotas [illegible] motam
[illegible] [illegible] videas [illegible] a quo [illegible]
[illegible] volvella ad [illegible] [illegible] [illegible]
revolutiones rote velocius mote [illegible] ad locum
superiorem dextrum et [illegible] revolutiones rote tardioris
[illegible] superiorem [illegible] [illegible] [illegible]
[illegible] [illegible] volvelle [illegible] [illegible]
[illegible] cum [illegible] superiorem [illegible]
cum [illegible] superiore [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] ro-
tule ¶ [illegible] rota velocius mota [illegible] velocius
[illegible] cum [illegible] revolutionibus [illegible]
[illegible] [illegible] [illegible] [illegible]
¶ [illegible] revolutionum [illegible] [illegible]
fractionibus [illegible] [illegible]
[illegible] [illegible] revolutiones rote tardioris
[illegible] [illegible] [illegible] [illegible]
revolutiones [illegible] [illegible] fractiones
[illegible] [illegible] [illegible] [illegible]
[illegible] rota velocior volvella [illegible] tardior
[illegible] [illegible] revolutiones tardioris
rote [illegible] revolutiones rote velocioris [illegible]
[illegible] motor [illegible] revolutiones [illegible]
[illegible] fractiones [illegible] [illegible] [illegible]
[illegible] [illegible] revolutiones velocioris
[illegible] 12 quibus [illegible] fractiones
[illegible] [illegible] [illegible] [illegible] loco
[illegible] revolutiones 12 et [illegible]-
[illegible] revolutiones [illegible] quo tardior [illegible]-
[illegible] velocior [illegible] 1[illegible] [illegible] parte
[illegible] dentes rote tardioris et [illegible]
rotule [illegible] dentes [illegible] rotule [illegible]
[illegible] ¶ [illegible] partis [illegible] rotula
moveat [illegible] rota parva [illegible] rotula po-
sita moveb[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] motum [illegible] [illegible]
[illegible] artifex subtilis ingenii [illegible] [illegible]
[illegible] [illegible] dentium rote media [illegible]-
[illegible] [illegible] [illegible] ¶ [illegible] facies
[illegible] rotas ad [illegible] [illegible] [illegible] facias
ad placitum tuum et ymaginationem [illegible] mo-
tor moveat [illegible] ad [illegible]-
[illegible] et si volueris [illegible] horas
[illegible] [illegible] clavos ad [illegible] horas
[illegible] si ibi non sunt et [illegible] [illegible]

principalibus vocatis subalternis et bene factis ¶
Sequitur nunc dicendum de ad quartam partem tabule principalis.
Si reges arsenum [illegible] si ad 12 hores [illegible]
et aduncum modum disponas rotam [illegible]
[illegible] advocandum ut sepius dicitur [illegible]
[illegible]
[illegible] magna fac [illegible] rotam [illegible]
[illegible]

mallem hoc modo fac rotam parvulam [illegible]
duplicata possunt [illegible]
dictas [illegible]
[illegible] ¶ Circa [illegible]
[illegible]
[illegible]
[illegible] mallem ¶ [illegible]
[illegible]
si volueris [illegible] ad 12 horas [illegible]
[illegible]

rotllaz sup ipaz ml alate ipi 9 si illat posmo
dctos q rotula sit i axe rotula abri q bcii
labz eco maius fcar stato tardi monebit
lenas cu i genue poas tu rota p d az q t for
dr sup rota leuate z bcualabz sup ips
sam ordo vniuis q rote z axi [illegible] ipi 9
quatcu mstru inquoz foramiby polivo
caz mobili poni z h dca spant de regeta
q leuate z cirsoc z verulis b' anxois rec
ratua rotaz vidas i lolo bu facto z p

Sequitur secundus tractatus

Dicto i uiis q quot partes sunt et
rotas motas z adiutorie pportoatas
nunc d y e dcll q cxmon rotaz
z ppor cuc ms h ty ipnt si adl u s tunc
si a a s a a dimet v z dc opei i [illegible] opus
catu i aunbal ict p du z filr de opu dy
nete clames orgnto i a z denno cu zodi
z solis i vp o quo adortu si o z o ot eqnul
i z i o is z dc a is q et motu solis et lune
occurrit ¶ p° dcanbal ddd sic h q ordi
ta rota monete mallios nolaz no sea
adhuc ppor° quatc z a pondcs caz scaddita
amnioiaz v quisita z simlr no fat ppor° lon
gi z latui fistulaz operi organici pro
na in fine scq 2 orz ea lorz duo ca la oxumn
sica lhuberti supta q scrupuli abiguitas
pdcit i monebut intelligenti ipa q norz cad
declato aliqua supradicta q cy pnt s n cst
speculacois ¶ fiat pmo rota magna et eq
comi pcllas eauli pisenam e onde rotz
alia subtilla eqas dispate apoi p eaou p p in
vis lrc longitu danem p q ca dmidas cq
man con fcu z inq a p pecs bolus qm no
deriat sibi aliq mnn deniten a p q ca fat dic
tos ut dau inz et° fiat ecta postea bi
das bu catu net carme quod tabula ca
tabunt i ppi do q sunt note ipi gi bnuiso
i tot p° dunde bua ecu fcu pcctaz curta
q ctana comi ipi 9 rote quo fro et eius
fodine quadrum quere pua laminam
equlata ut eq eutz i fodme sit psa lotu
z ct eq comi q r has ecu fou q d ucot p°
diuidas inq ctana comi dm i s ri p q ca
fat tot laminas q fecisti dsi os i cimmate
ctana maior stam longas ut p ecidant
apisid ctana ad ecu fcu z rotunde lamie et
recut poste ut i ambabq comi ipsaz

laminas foramina fiant z silr indisios b. p dcas
ecufu az q possint qucti ipe lamie vpar ecu
feu is in utz comica ¶ p q ca dd das longi
angh lamie mtra p ea ut comi ctanam
roto z quexa lamie rotunde i 9 p° eqles
sit lebis 8 dsios inqlz lamina ponas et
pdcas comi tes ecufcu az q s dsi os psoilt
angularia foramina z oblonga fiat do ut clavi
ipis i pone di fixe stent sint at p dce lamie
spisse ut clam no fintl i ipis poiti nec
ponedi ¶ p q ca quctas laminas ipi rote et
qsiter c ut pta fiant lamina q sint note
ipi 9 tant q ut ipe car posse bdiai z ut post
fine bui 9 disco i ipi 9 tant q fiat silenciu
intabale ¶ tia no q ora foaia et cxmi
ctana poita i medio dcfimt cesant foaia
dt poita i 2° ordie pcsta dcfimt dsm ce
sup 2° or ne clavi sup° or le cesant sup° or
gsolue sub° dlamire i 1° bfuum sub 8° sexto
podto me dlamie z csolfant ¶ et no quot
lamie pdce pnt dimidi me lco p tco plib 9
tonis e sonis dcfincta z semitonis po
nendis mair csant dcsolre z a° bemol vm
et q si plures notas q 8° q z c nimis labo
riosum eu si vcamen ut carmine a ac psc
mito dq dcz ad me bm fodme s raddi
et simlr bua nola cui dcfunt ¶ hac rota s°
disposita bn ordies ipcm longua forte ad eq
foamie qdratu q cy sic i me rotund ut bolli
cela ubi ponat s° i motu fmi mobi ¶ p q ca
et cuz axis ubi pausio rota s° z rotundas
nc bolua i foamie rotundo cuq da fri
ipaz rotaz i vacua cusisa pdci quz rota no
dz vci sursu s d rota p i mobil s cu si sahat
z eq distatcr ozonei h poss z bu isto modo
¶ p q ca poas i alia comi v z axis est
rotundaz pomo adq da fz ip i tians por
ulas bini clavi laralit oponite admodu
ine° et tam longu ut maius digitq quod
retineb rota inquiete cu fuit ipsa mota
tantes quotiens placuit fat et pua rota quaz
poas et pdcaz clavi z h rota no habent
clavos si insupfi eq usa vsq rota q 9 dcam
debebit lre tot fira aceut ipi 9 cxmi ca ct
eqlacia cu pdco clavo quotiens nis siuo rota
volui antiqua fiat silenciu nue sunida
ipi 9 rote pnt opcti cc ta longu q i cxufu

rote clauam per duas extensam applicatam contra quam magni-
tam rota ubi volui autem fiat silentium quies
rote absondat partes eleuans. Item fiat longa lamina
capiendam capitulum tanta longitudine contra longitudinem concu-
sionis rote. Postea videas concussionem rote predicte
motor prius quantus volumus magna rota volui sed
[illegible] antequam fiat silentium et ponas
[illegible] dispositio sit lata et forte ut possit per clauum
predictum tenere rota ut non moueat. Item clauos
quietans rote predicte fortiter et bene et fac unum
rote predicte prope foramen rotundum ut clauo rote
[illegible] affixo fortiter moueatur actiuo
Postea fac foramen et concauum predicte prope ip-
[illegible] sub ipsa fac laminam forte flexibilem
anteriori parte cuius clauum figitur qui per foramen
[illegible] extensus in motiua prima rota
[illegible] lamine cuius [illegible] foramen [illegible]
[illegible] ut sit magne. Item illa lamina
[illegible] concauitatis quiete [illegible] opera et
ponas clauum [illegible] fixum et clauum ipsum
[illegible] ad illam partem versus quam mouetur rota ut inniti
[illegible] predictum clauum lamine ipsam rota ut non
moueatur [illegible] Item solas operas sed dicetur
[illegible] capitulo [illegible] super [illegible]
[illegible] Item fiant rota et tanta [illegible] admotum et dispo-
[illegible] rote dicte sed appone alia parua rota mot-
[illegible] [illegible] rotula [illegible] axe [illegible]
[illegible] dentibus magis rote mouende qua di-
sposita ut dictum est in [illegible] capitulo sufficiat.

Ad disponendum claues organi [illegible]
[illegible] fac rota multum magna quam disponas
[illegible] concussionem sed predictam fac
laminas foramina [illegible] sed predicta rota [illegible]
quot note sint [illegible] et motor prius vel plures [illegible]
[illegible] concussionem predicte rote [illegible] laminas
ut impedita rota sed potest predictas laminas [illegible]
[illegible] partes quam [illegible] vel [illegible] quam volueris
[illegible] claues organorum et [illegible]
vel [illegible] claues simul [illegible] quam [illegible] per duas
[illegible] dispositam [illegible] dispositionem predictam
rota sed rota [illegible] appone [illegible]
axe cum clauis et parua rota sed prima rota [illegible]
[illegible] clauum ponendi in
foraminibus laminarum [illegible] sed postea [illegible]
et [illegible] claues organi [illegible] clauibus
[illegible] quos fiat rotam
[illegible] ut [illegible] videatur
[illegible] claues [illegible] videatur.

Item fiat et ymago hominis habens digitos in manibus
suis flexibiles qui digiti quietantur anterioribus
sic ut non videantur [illegible] et postea mouebuntur
digiti admotum clauum at si ymago depinge-
ret claues ludendo postea fac folles organorum
[illegible] ipsam rotam [illegible] suppone lapides ut [illegible]
[illegible] lata folles sed debebunt lata per dictam leuari
[illegible] clauis potest [illegible] rote predicte
magne fiant [illegible] clauis [illegible] predictam concussionem
quorum lata follium indigent leuari [illegible]
rota semel leuata. Item dicitur quod clauis [illegible]
ut [illegible] follis [illegible]
leuet quod [illegible] opus [illegible]
[illegible] dispositum. Postea sig[illegible] foramina [illegible]
[illegible] [illegible] tonos et semitonia [illegible]
[illegible] foraminibus [illegible] magne
rote [illegible] quibus si non posuerit [illegible]
[illegible] quod si posuerit [illegible] ibi [illegible]
[illegible] quod sit [illegible] postea [illegible] presente
[illegible] Item [illegible] videtur [illegible]
quod [illegible] ad [illegible] nota
[illegible] ponis clauum [illegible] clauum ad
foramen [illegible] note [illegible]
[illegible] sed si volueris [illegible]
[illegible] clauum [illegible] tot quot
claues [illegible] de [illegible]
[illegible] laminibus [illegible] depinxit
claue prime note et claue [illegible] note [illegible]
[illegible] de aliis notis [illegible] claues [illegible] foraminibus
laminarum [illegible] quod clauum [illegible]
[illegible] clauum [illegible]
[illegible] depingat claues [illegible] claues
[illegible] Postea dispones [illegible]
[illegible] ut leuet [illegible] primo modo [illegible]
[illegible] clauum [illegible]
[illegible] quiete in rotam [illegible]
[illegible] Item [illegible] quod [illegible]
[illegible] claues ad alia foramina [illegible]
laminarum [illegible] non habuit [illegible]
notas quod sint lamine predictarum rotarum [illegible]
[illegible] quod parte potius [illegible] rota
qui [illegible] Nota quod rota [illegible]
[illegible] alii rota possit disponi ut concussione
ipsarum [illegible] lata [illegible]
[illegible] tot [illegible] quod lamine ponitur
[illegible] rotas [illegible]
[illegible] ibi lamine [illegible]
foraminibus [illegible] notarum claues. Item [illegible]

et quod rotetur dicte partes [illegible] fistularum [illegible]
admodum [illegible] sicut [illegible] partes [illegible]
[illegible] usque [illegible]
ponimus tamen [illegible] dici [illegible]
a [illegible] cavo et [illegible]
capitulo quod [illegible] nova [illegible] alterum
[illegible] et [illegible] laminis [illegible]

Ad fistularum bonam dyapason [illegible] fistulas prima
fistula [illegible] longitudinis latitudinis
[illegible] et [illegible] mediocriter fiant et [illegible]
latitudinis [illegible] latitudo longitudinis [illegible] usque
[illegible] latitudo [illegible] ante
[illegible] fiat et si longitudo [illegible] usque ad
[illegible] volueris autem
quandam fistulam [illegible] longissima [illegible]
[illegible] in margine [illegible]
latitudinis [illegible] posset [illegible] longissima que
fistula scilicet prima [illegible] metire
et [illegible] modum [illegible] latitudinis fistule [illegible]
[illegible] qui [illegible] dyapason
dyametri [illegible] partes [illegible] fistule [illegible]
[illegible] dyametri
[illegible] metire [illegible] partes [illegible]
[illegible] usque ad [illegible] equissimas [illegible]
quatuor [illegible] longitudinis secunde fistule [illegible]
[illegible] Secunde fistule
[illegible] duas [illegible] partes dyametri [illegible]
[illegible] usque ad [illegible] divisio fiat ad [illegible]
[illegible] collantur longitudinis [illegible] fistule [illegible]
[illegible] longitudinis [illegible] fistule [illegible]
[illegible] partes [illegible]
[illegible] fistule [illegible] partes dyametri [illegible]
[illegible] metire dyapason
[illegible] usque ad [illegible]
[illegible] longitudinis [illegible] fistule [illegible]
[illegible] dyatesseron [illegible]
[illegible] metire [illegible]
[illegible] fistule [illegible]
dyametri [illegible] usque ad [illegible]
[illegible] divide [illegible]
duas [illegible] longitudinis [illegible]
dyapente [illegible] tono [illegible]
[illegible] partes [illegible] dyametri [illegible]
[illegible] metire [illegible]
in [illegible] divide [illegible] abiecta [illegible]
nona [illegible] longitudine
[illegible]

[illegible] colligere [illegible] dyametri [illegible]
[illegible] usque [illegible] virgula
[illegible] longitudinis [illegible]
[illegible] dyatesseron [illegible] colli-
ge [illegible] dyametri
[illegible]
nona [illegible] subtracta [illegible]
[illegible] longitudinis [illegible]
[illegible] Si vero
[illegible]
[illegible]
[illegible] dyametri [illegible]
[illegible] divide [illegible] virgula lon-
gitudinis [illegible] fistule [illegible] dyate-
sseron [illegible] dyapente vero
[illegible] dyapason [illegible]
[illegible] una-
quaque [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] quod
[illegible] divide [illegible]
[illegible] longitudinis [illegible]
duplum [illegible] dyametri [illegible]
duplum [illegible] dyametri [illegible] dyapason
[illegible]

Ad fistularum bonam [illegible]
[illegible]
[illegible]
[illegible] primas
[illegible]
in divisione [illegible]
ad [illegible] partes [illegible]
[illegible]
[illegible]
[illegible] partem [illegible]
partes [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] in [illegible] divide [illegible]

ci aere q ē f . [illegible] fiat ex ea 3ª
cimbalu[m] [illegible] tonus [illegible] a q [illegible]
[illegible] potius i [illegible] 2 [illegible]
aere ead[em] [illegible] c tota [illegible] a a [illegible]
notatis [illegible] ad[d]e[n]do [illegible] 3ª q ad d[i]-
ta ci aere q ē f fa[cie]s ex ea [cim]bulu[m] [illegible]
q ē i [illegible] [illegible] ad f dyatessaron sonans
a a [illegible] ¶ Item da [illegible] aere [illegible] est
i suma [illegible] a [illegible] insup [illegible] ex
ea fiat [cim]bali [illegible] q sonat tonu[m] ad e dy-
apente [illegible] ad a a ¶ [illegible] da [illegible] aere [illegible]
[illegible] insup [illegible] ex q fa[cie]s
cimbalu[m] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] aere [illegible] suma
[illegible] a [illegible] insup [illegible] 3ª [illegible] ex q fa[cie]s [illegible]
[illegible] [illegible] q [illegible] [illegible] [illegible]
[illegible] ab a a [illegible] ad b dyspositas
[illegible] [illegible] [illegible] [illegible] cimbalo 8º [illegible]
[illegible] tonu[m] [illegible] a a [illegible] ea [illegible]
[illegible] q fa[cie]s cimbalo 8º [illegible] dyatessaron
[illegible] dyapason [illegible] [illegible] sit
[illegible] tolle suma aere f [illegible] da ea [illegible]
[illegible] insup [illegible] fa[cie]s [illegible] ex ea cimbu-
[illegible] [illegible] a [illegible] b q [illegible] ad a se[mi]
to[nium] [illegible] ad c tonu[m] ad d [illegible] [illegible] q ē dyate-
ss[aron] [illegible] ad a a [illegible] [illegible] si plus [illegible]
[illegible] [illegible] ¶ [illegible] [illegible] [illegible]
[illegible] infor[m]and[is] [illegible] [illegible] cimbal[is] ut
[illegible] [illegible] [illegible] ponderata [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] cimbalu[m] [illegible] [illegible]
[illegible] [illegible] ut [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] ut cymba
[illegible] bene sonant ¶ Si aute[m] [illegible] cymba[la]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] emmendari poterit [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]

¶ [illegible] bader [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] post morte[m] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible]

Tabula Januarii

Dies mensis	aureus numerus	ho.	mi.	2a	aureus numerus	ho.	mi.	2a	aureus numerus	ho.	mi.	2a
1					19	5	4	57				
2	8	8	42	2	8	1	13	58	8	17	45	55
3	16	21	23	0	16	13	55	3				
4									16	6	27	0
5	5	27	32	8	5	10	4	4	5	2	36	1
6					13	22	45	9	13	15	17	6
7	13	6	13	10								
8					2	18	54	10	2	11	26	7
9	2	2	22	14								
10	10	15	3	16	10	7	35	15	10	0	7	12
11					18	20	16	20	18	12	48	17
12	18 / 7	3 / 23	44 / 53	18 / 22								
13					7	16	25	21	7	8	57	18
14	15	12	34	28					15	21	38	23
15					15	5	6	26				
16	4	8	43	3	4	1	15	27	4	17	47	24
17	12	21	24	36	12	13	56	32				
18									12	6	28	29
19	1	17	33	36	1	10	5	33	1	2	37	30
20					9	22	46	38	9	15	18	35
21	9	6	14	42								
22	17	18	55	44	17	11	27	43	17	3	59	40
23												
24	6	15	4	47	6	7	36	44	6	0	8	41
25					14	20	17	49	14	12	49	46
26	14 / 3	3 / 23	45 / 54	48 / 46								
27					3	16	26	55	3	8	58	47
28	11	12	35	58					11	21	39	52
29					11	5	7	55				
30	19	1	16	57	19	17	49	0	19	10	20	56
31	8	21	26	5	8	13	58	1				

Tabula ffebruarii

Dies mensis	aureus numerus	ho.	mi.	2a	aureus numerus	ho.	mi.	2a	aureus numerus	ho.	mi.	2a
1									8	6	29	58
2	16	10	7	3	16	2	39	6	16	19	11	3
3					5	22	48	7	5	15	20	4
4	5	6	16	11								
5	13	18	57	13	13	11	29	12	13	4	1	9
6												
7	2	15	6	17	2	7	38	13	2	0	10	10
8					10	20	19	18	10	12	51	15
9	10	3	47	19								
10	18	16	28	21	18	9	0	29	18	1	32	20
11	7	12	37	25					7	21	41	31
12					7	5	9	24				
13	15	1	18	31	15	17	50	29	15	10	22	26
14	4	21	27	33	4	13	59	30				
15									4	6	31	27
16	12	10	8	39	12	2	40	35	12	19	12	32
17					1	22	51	39	1	15	21	33
18	1	6	17	39								
19	9	18	58	45	9	11	30	41	9	4	2	38
20									17	16	43	43
21	17	7	39	47	17	0	11	46				
22					6	20	20	47	6	12	52	44
23	6	3	48	50								
24	14	16	29	51	14	9	1	52	14	1	33	49
25	3	12	38	59					3	21	42	50
26					3	5	10	53				
27	11	1	20	1	11	17	51	58	11	10	23	55
28	19	14	1	0	19	6	33	3	19	23	4	59

Marcij tabula — Tabula Aprilis

Dies mensis	Hore	Min.	Sec.		Dies mensis	Hore	Min.	Sec.	Dies mensis	Hore	Min.	Sec.
1									8	19	14	1
2	8	10	10	8	8	2	42	4				
3	16	22	51	6	16	15	23	9	16	7	55	6
4									5	4	4	7
5	5	19	0	14	5	11	32	10				
6									13	16	45	12
7	13	7	41	16	13	0	13	15				
8	2	3	50	20	2	20	22	16	2	12	54	13
9	10	16	31	22								
10					10	9	3	21	10	1	35	18
11	18	5	12	24	18	21	44	26	18	14	16	23
12					7	17	53	27				
13	7	1	21	28					7	10	25	24
14	15	14	2	34	15	6	34	32	15	23	6	29
15												
16	4	10	11	36	4	2	43	33	4	19	15	30
17	12	22	52	42	12	15	24	38	12	7	56	35
18												
19	1	19	1	42	1	11	35	42	1	4	5	36
20									9	16	46	41
21	9	7	42	48	9	0	14	44				
22	17	20	23	50	17	12	55	49	17	5	27	46
23	6	16	32	53								
24					6	7	4	50	6	1	36	47
25	14	5	13	54	14	21	45	55	14	14	17	52
26					3	17	54	56				
27	3	1	23	2					3	10	26	53
28	11	14	4	4	11	6	36	1	11	23	7	58
29					19	19	17	6				
30	19	2	45	3					19	11	49	2
31	8	22	54	11	8	15	26	7	8	7	58	4

Dies mensis	Hore	Min.	Sec.		Dies mensis	Hore	Min.	Sec.	Dies mensis	Hore	Min.	Sec.
1									16	20	39	16
2	16	11	35	9	16	4	7	13	5	46	48	10
3												
4	5	7	44	17	5	0	16	13				
5	13	20	25	19	13	12	57	18	13	5	29	15
6	2	16	34	23								
7					2	9	6	19	2	1	38	16
8	10	5	15	25	10	21	47	24	10	14	19	21
9	18	17	56	27								
10					18	10	28	29	18	3	0	26
11	7	14	5	31	7	6	37	30	7	23	9	27
12					15	19	18	35				
13	15	2	46	37					15	11	50	32
14	4	22	55	39	4	15	27	36				
15									4	7	59	33
16	12	11	36	45	12	4	8	41	12	20	40	38
17									1	16	49	39
18	1	7	45	45	1	0	19	45				
19	9	20	26	51	9	12	58	47	9	5	30	44
20									17	18	11	49
21	17	9	7	51	17	1	39	52				
22	6	5	16	56	6	19	48	53	6	14	20	50
23	14	17	57	57								
24					14	10	29	58	14	3	1	55
25	3	14	7	5	3	6	38	59	3	23	10	56
26					11	19	20	4				
27	11	2	48	7					11	11	52	1
28	19	14	29	6	19	8	1	9				
29									19	0	33	5
									8	20	42	7
30	8	11	38	14	8	4	10	10				

Tabula Maii

Dies mensis	Aureus numerus	Ho	Mi	Ns	Aureus numerus	Ho	Mi	Ns	Aureus numerus	Ho	Mi	Ns
1					16	16	51	15	16	9	23	12
2	16	0	19	12					5	5	32	13
3	5	20	28	20	5	13	0	16				
4					13	1	41	21	13	18	13	18
5	13	9	9	22								
6	2	5	18	26	2	21	50	22	2	14	22	19
7	10	17	59	28								
8					10	10	31	27	10	3	3	24
9	18	6	40	30	18	23	12	32	18	15	44	29
10					7	19	21	33				
11	7	2	49	34					7	11	53	30
12	15	15	30	40	15	8	2	38				
13									15	0	34	35
14	4	11	39	42	4	4	11	39	4	20	43	36
15					12	16	52	44	12	9	24	41
16	12	0	20	48								
17	1	20	29	48	1	13	3	48	1	5	33	42
18									9	18	14	47
19	9	9	10	54	9	1	42	50				
20	17	21	51	56	17	14	23	55	17	6	55	52
21	6	18	0	59								
22					6	8	32	56	6	3	4	53
23	14	6	42	0	14	23	14	1	14	15	45	58
24					3	19	23	2				
25	3	2	51	8					3	11	54	59
26	11	15	32	10	11	8	4	7				
27					19	20	45	12	11	0	36	4
28	19	4	13	9					19	13	17	8
29					8	16	54	13	8	9	26	10
30	8	0	22	17					16	22	7	15
31	16	13	3	15	16	5	35	18	5	18	16	16

Tabula Junii

Dies mensis	Aureus numerus	Ho	Mi	Ns	Aureus numerus	Ho	Mi	Ns	Aureus numerus	Ho	Mi	Ns
1												
2	5	9	12	23	5	1	44	19				
3	13	21	53	25	13	14	25	24	13	6	57	21
4	2	18	2	29								
5					2	10	34	25	2	3	6	22
6	18	6	43	31	10	29	15	30	10	15	47	27
7	10	19	24	33								
8					18	11	56	35	18	4	28	32
9	7	15	33	37	7	8	5	36				
10					15	20	46	41	7	0	37	33
11	15	4	14	43					15	13	18	38
12					4	16	55	42				
13	4	0	23	45					4 11	9 22	27 8	39 44
14	12	13	4	51	12	5	36	47				
15									1	18	17	45
16	1	9	13	51	1	1	47	51				
17	9	21	54	57	9	14	26	53	9	6	58	50
18									17	19	39	55
19	17	10	35	59	17	3	7	58				
20	6	6	45	2	6	21	16	59	6	15	48	56
21	14	19	26	3								
22					14	11	58	4	14	4	30	6
23	3	15	35	11	3	8	7	5				
24					11	20	48	10	3	0	39	2
25	11	4	16	13					11	13	20	7
26	19	16	57	12	19	9	29	15				
27									19 8	2 22	1 10	11 13
28	8	13	6	20	8	5	38	16				
29					16	18	19	21	16	10	51	18
30	16	1	47	18					5	7	0	19

Tabula Julii

Initium coniunctionis [illegible]

Dies mensis	dies	ho.	mi.	se.	dies	ho.	mi.	se.	dies	ho.	mi.	se.
1	5	21	56	26	5	14	28	22				
2									13	19	41	24
3	13	10	37	28	13	3	9	27				
4	2	6	46	32	2	22	18	28	2	15	50	25
5	10	19	27	34								
6					10	11	59	33	10	4	31	30
7	18	8	8	36					18	17	12	35
8					18 7	0 20	40 49	38 39				
9	7	4	17	40					7	13	21	36
10	15	16	58	46	15	9	30	44				
11									15	2	2	41
12	4	13	7	48	4	5	39	45	4	22	11	42
13					12	18	20	50	12	10	52	47
14	12	1	48	54								
15	1	12	57	54	1	14	31	54	1	7	1	48
16									9	19	42	53
17	9	10	39	0	9	3	10	56				
18	17	23	20	2	17	15	52	1	17	8	23	58
19	6	19	29	5								
20					6	10	1	2	6	4	32	59
21	14	8	10	6					14	17	14	4
22					14 3	0 20	42 51	7 8				
23	3	8	19	14					3	13	23	5
24	11	16	0	17	11	9	32	13				
25					19	22	13	18	11	2	4	10
26	19	5	41	15					19	14	44	14
27					8	18	22	19	8	10	54	16
28	8	1	50	23					16	23	35	21
29	16	14	31	21	16	7	3	24	5	19	44	22
30												
31	5	10	40	29	5	3	12	25				

Tabula Augusti

Dies mensis	dies	ho.	mi.	se.	dies	ho.	mi.	se.	dies	ho.	mi.	se.
1	13	23	21	31	13	15	53	30	13	8	25	27
2	2	19	30	35								
3					2	12	2	31	2	4	34	28
4	10	8	11	37					10	17	15	33
5	18	20	52	39	10	0	43	36				
6					18	13	24	41	18	5	56	38
7	7	17	1	43	7	9	33	42				
8					15	22	14	47	7	2	5	39
9	15	5	42	49					15	14	40	44
10					4	18	23	48				
11	4	1	51	51					4 12	10 23	55 36	49 50
12	12	14	32	57	12	7	4	53				
13									1	19	45	51
14	1	10	41	57	1	3	15	57				
15	9	23	23	3	9	15	54	59	9	8	26	56
16									17	21	8	1
17	17	12	4	5	17	4	36	4				
18	6	8	13	8	6	22	45	5	6	17	17	2
19	14	20	54	9								
20					14	13	20	10	14	5	58	7
21	3	17	3	17	3	9	35	11				
22					11	22	16	16	3	2	7	8
23	11	5	44	19					11	14	48	13
24	19	18	25	18	19	10	57	21				
25									19 8	3 23	29 38	17 19
26	8	14	34	26	8	7	6	22				
27					16	19	47	27	16	12	19	24
28	16	3	15	24					5	8	28	21
29	5	23	24	32	5	15	56	28				
30									13	21	9	30
31	13	12	5	34	13	4	37	33				

Petrus [illegible]

Iste tabule fuit inserte durant [illegible] lunar[illegible]

Tabula Septembris

1	2	8	14	38					2	17	18	31
2	10	20	55	40	2	0	46	34				
3					10	13	27	39	14	5	59	36
4	18	9	36	42					18	18	40	41
5					18 7	2 22	8 17	44 45				
6	7	5	45	46					7	14	49	42
7	17	18	26	52	17	10	58	50				
8									17	3	30	47
9	4	14	35	54	4	7	7	51	4	23	39	48
10					12	19	48	56	12	12	20	53
11	12	3	17	0								
12	1	23	26	0	1	16	0	0	1	8	29	54
13									9	21	10	59
14	9	12	7	6	9	4	39	2				
15					17	17	20	7	17	9	52	4
16	17 6	0 20	48 57	8 11								
17					6	11	29	8	6	6	1	5
18	14	9	38	12					14	18	42	10
19					14 3	2 22	10 19	13 14				
20	3	5	47	20					3	14	51	11
21	11	18	28	22	11	11	0	19				
22					19	23	41	24	11	3	32	16
23	19	7	9	21					19	16	13	20
24					8	19	50	25	8	12	22	24
25	8	3	18	29								
26	16	15	59	27	16	8	31	30	16 5	1 21	3 32	27 38
27												
28	5	12	8	35	5	4	40	31				
29					13	17	21	36	13	9	53	33
30	13 2	0 20	49 58	37 41								

Tabula Octobris

1					2	13	30	37	2	6	2	34
2	10	9	39	43					10	18	43	39
3	18	22	20	45	10	2	11	42				
4					18	14	52	47	18	7	24	44
5	7	18	29	49	7	11	1	48				
6					17	23	42	53	7	3	33	45
7	17	7	10	55					17	16	14	50
8					4	19	51	54				
9	4	3	19	57					4	12	23	51
10	12	16	1	3	12	8	32	59	12	1	4	56
11									1	21	13	57
12	1	12	10	3	1	4	44	3				
13					9	17	23	5	9	9	55	2
14	9	0	55	9					17	22	36	7
15	17	13	32	11	17	6	4	10				
16	6	9	41	14					6	18	41	8
17	14	22	22	15	6	0	13	11				
18					14	14	54	16	14	7	26	13
19	3	18	31	23	3	11	3	17				
20					11	23	44	22	3	3	35	14
21	11	7	12	25					11	16	16	19
22	19	19	53	24	19	12	25	27				
23									19	4	57	23
24	8	16	12	32	8	8	34	28	8	1	6	24
25					16	21	17	33	16	13	47	30
26	16	4	43	30					5	9	56	31
27					5	17	24	34				
28	5	4	52	38					13	22	37	36
29	13	13	33	43	13	6	5	39				
30	2	9	42	44					2	18	46	37
31	10	22	23	46	2	2	14	40				

Tabula novembris — Tabula decembris

aurei numeri

Nov.													Dec.												
1					10	14	55	45	10	7	27	42	1	18	23	48	51	10	3	39	48				
2	18	11	4	48					18	29	8	47	2					18	16	20	54	18	8	52	50
3					18 / 7	3 / [illegible]	36 / 33	50 / 45 51					3	7	19	57	55	7	12	20	54				
4	7	7	13	52					7	16	17	48	4									7	5	1	51
5	15	19	54	58	15	12	26	56					5	15	8	39	1	15	1	10	59	15	17	42	56
6									15	4	58	53	6					4	21	20	0				
7	4	16	4	0	4	8	35	57					7	4	4	48	3					4	13	51	57
8					12	21	17	2	4 / 12	1 / 13	7 / 48	54 / 59	8	12	17	29	9	12	10	1	5	12	2	33	2
9	12	4	41	6									9									1	22	42	3
10					1	17	28	6	1	9	58	0	10	1	13	38	9	1	6	12	9				
11	1	0	54	6					9	22	39	5	11									9	11	23	8
12	9	13	35	12	9	6	7	8					12	9	2	19	15	9	18	51	11	17	0	4	13
13					17	18	48	13	7	11	20	10	13	17	15	0	17	17	7	32	16				
14	17 / 6	2 / 22	16 / 25	14 / 17									14	6	11	9	20	✓				6	20	13	14
15					6	12	57	14	6	7	29	11	15	14	23	50	21	6	1	41	17				
16	14	11	6	18					14	29	10	16	16					14	16	22	22	14	8	54	19
17					14 / 3	3 / 23	38 / 47	19 / 20					17	3	19	59	29	3	12	31	23				
18	3	7	15	26					3	16	19	17	18									3	5	3	20
19	11	19	56	28	11	12	28	25					19	11	8	40	31	11	1	12	28	11	17	44	25
20									11	5	0	22	20	19	21	21	30	19	13	53	33				
21	19	8	37	27	19	1	9	30	19	17	41	26	21									19	6	25	29
22					8	21	18	31	8	13	50	28	22	8	17	30	38	8	10	2	34	8	2	38	31
23	8	4	46	35									23					16	22	43	39	16	15	55	36
24	16	17	27	33	16	9	59	36	16 / 5	2 / 22	31 / 40	33 / 39	24	16	6	11	36					5	11	24	37
25													25					5	18	52	40				
26	5	13	36	41	5	6	8	37					26	5	2	20	44								
27					13	18	49	42	13	11	21	39	27	13	14	1	49	13	7	33	45	13	0	5	42
28	13 / 2	2 / 22	17 / 26	46 / 47									28	2	11	10	50					2	20	14	43
29					2	14	58	43	2	7	30	40	29	10	23	51	52	2	3	42	46				
30	10	11	7	49					10	20	11	45	30					10	16	23	51	10	8	55	48
													31	18	12	32	54					18	21	36	53

Modum in computatione minutiarum vulgarium
et phisicarum ponemus et in sectionibus
partes 2 unius scilicet minutis numerans et minutis denominans
¶ Et deinde de fractionibus vulgaribus
et phisicis ¶ Et deinde dicemus quo nutu (?) seu
scribantur quando ¶ De primo sciendum quod minutis numerans
est ille in quo totiens est unitas quot partes
integri volumus computare ¶ Sed minutis denominans
est ille in quo totiens est unitas quot partes denominata
est integro toto ¶ De secundo sciendum
quod fractiones vulgares dicuntur quod de partibus integralibus
uniformiter 2 in ordine naturali ut medietas a 2
tertia a 3 quarta a quatuor 4 et deinceps ¶ Phisice vero
minutie sunt quod ad finem integri per divisionem
sexagenariam inveniuntur ut quando dicitur integrum
dividendum in 60 minuta minuta in 60 secunda et secunda
in 60 tertia et deinceps ¶ De tertio patet quod sciendum
quod minutie vulgares sic scribuntur quod denominator
scribitur inferius et numerator superius
ut si vellemus scribere 2 septimas facimus sic ²⁄₇ minutie vero phisice sic scribuntur
2 in quo presenti loco denominationem volumus cum
numerator scribitur et locus per denominatorem tenet
ut ·2 | 4 | 20 | 24 | 30 · ¶ Primus locus est
signorum 29 gradus 29 minutorum 20 secundorum 19 tertiorum 30
quartorum et deinceps procedendo tamen semper usque
de certis ut hic 2 | 22 | 19 | 20 | 30 ad quartas volueris

Modum reductionis minutiarum diversarum denominationum
ad eandem denominationem quere et modum
reductionis integrorum ad minutias et e converso
¶ Reducere minutias diversarum denominationum vulgarium
ad eandem denominationem quere sic multiplicabimus
denominatorem unius per denominatorem alterius
et productus erit denominator communis ut si vellemus
reducere ²⁄₃ · ¾ ad eandem denominationem
quere multiplicabis 4 qui est denominator 2
fractionis per 3 qui est denominator prime
fractionis et provenient 20 qui est communis denominator
utriusque minutie et si volumus facere
per 20 sunt in ²⁄₃ quot est prima minutia
et quot in ¾ quot est 2 minutia multiplicabis denominatorem
2 minutie qui est 4 per numeratorem prime
scilicet per 2 et provenient 24 et tot sunt 20 in ²⁄₃

¶ Multiplica et denominatorem prime scilicet 3 per numeratorem
2 scilicet per 2 et proveniet 8 et tot sunt 20 in ¾
¶ Si vero plures minutias diversarum denominationum
quam duas volueris reducere ad eandem quere
denominationem primo expedias te de duabus
primis secundum quod dictum est et per ea denominationem
denominationem proveniente de duabus primis et
de 3 minutia et deinde denominatorem communem
ultima proveniente et 4 minutia et deinceps
quousque omnes minutias diverse denominationis
ad eandem denominationem reduxeris ut si vellemus
ad eandem denominationem reducere ⅔ et ¾ et ⅘
duc denominatorem prime minutie in denominatorem
2 minutie scilicet 3 in 4 et provenient 12 quod denominator
est communis duarum primarum minutiarum
¶ Deinde denominatorem scilicet quere duarum primarum minutiarum
scilicet 12 duc in 4 in denominatorem 3 fractionis
et provenient 60 scilicet 12 in 4 60 sunt quod 60 sunt
denominator communis omnium trium minutiarum et ita
facies si fuerint plures minutias diverse denominationis
et sint ⅔ et ¾ et ⅘ et sit in aliquo unus denominationis
nomen tamen debet reduci primo in illum
quod sunt diverse denominationis tamen et sic
²⁄₃ · ³⁄₄ · ⅘ · et erit per denominatorem communem 60 poteris
tamen si velles reducere sic at siccut
omnes diverse denominationis ¶ Si vero velles
facere quod de illis 60 sunt quelibet minutia
divide 60 per denominatorem cuiuslibet minutie et in
quotientem multiplica numeratorem et habebis
propositum ut si divideres 60 quod est denominator
communis omnium per 3 qui est denominator prime
minutie provenient 20 quod 20 multiplica per 2 qui
est numerator ipsius prime minutie et provenient
40 et tot 60 sunt in prima minutia scilicet in ⅔ et
iterum 60 divide per 4 qui est denominator
2 minutie et provenient 15 que multiplica per
3 qui est numerator 2 minutie et provenient 45
et tot 60 sunt in ¾ scilicet in 2 minutia et divide
60 per 5 qui est denominator 3 minutie et provenient
12 quod multiplica per 4 quod est numerator 3 minutie et
provenient 48 et tot sunt 60 in ⅘ scilicet in
3 minutia ¶ Cum minutias 60 minutias reduces ad

minuta simplicia sic multiplicata denominatoris scilicet
unam particulam scilicet primam per secundam et deo esse
productum duc in 3 et habebis 3 integra in
eo quod productum ultimo duc in 10 et sic dicitur
verbi gratia volo reducere 3 partes unius 10 per sonum
medie ad eandem denominationem quinquagesima multiplica
2 per 10 et erunt 20 et iterum 20 multiplica per 3 et fiet
60 qui est denominator quinquagesima et sonum est hec
et hec facies nisi ad primam et unus quod ex una
multiplicatione provenit denominabitur a denominatione simplici
prima et secunda. ¶ Sic ponendo est de fractionibus
fractionum quod in additione subtractione duplicatione et
eodem modo faciendum est sicut dicetur de aliis dum
erunt reducte ad fractiones simplices. ¶ Sic
integra quinquagesima reduces ad minutias vulgares de-
nominationis date scilicet data denominatione multiplica per numerum
integrorum et productum facies minutias et numerum de-
nominatorum ut si 10 integra vel reducere ad 4 de-
nominatione multiplicabis 10 per 4 et erunt 40 et sic 10 integra
valent 40 quartas. ¶ Minutias vero vulgares quasi
ad integra reduces scilicet dividendo minutias per
denominatorem et numerus quotiens est numerus integrorum in
predictis minutiis contentorum. Si non aliquid scilicet residuum
minimum quod non posset dividi hoc scilicet minutiam unius in
numerum quod non producit unum integrum perficere quod ita se
reddit quod non perveniat ad integrum scilicet minutior ad denominatorem ut si 3 [illegible]
[illegible] velis reducere ad integra dividas [illegible] quod est
minutior per [illegible] quod est denominator et erit numerus quotiens
[illegible] et remanet [illegible] quod non producit integrum perficere
quod se ita habet ad integrum scilicet 2 quod est minutior se habet
ad [illegible] qui est denominator. ¶ Scito hoc quod minutias nostras
accipimus pro maiori parte et unus denominatur
accipiantur [illegible] ¶ Integra autem ad minutias
physicas qualescumque sic reduces multiplicando
numerum integrorum per 60 et quod provenit erunt minuta quod
minuta 2 si volueris reducere ad 2 multiplica per 60
et fient 2 que et 2 si multiplicabis per 60 fiet
3 et sic deinceps. ¶ Et si velis 2 integra
reducere ad minuta multiplica 2 gradus per 60 et provenient
minuta 120. Si volueris reducere ad 2 multiplica
per 60 et provenient 1200 quam 1200 multiplica per 60
ut prius. Si volueris ad 3 reducere et provenient
[illegible] et sic in infinitum. ¶ Et scito tamen quod de
quolibet integra potes facere minutias per [illegible]

In astronomia autem gradus denominantur integra per [illegible]
minutiis. Veniunt signa cum sexagenis gradibus unde
si vel reducere aliqua [illegible] ad gradus [illegible] cum quolibet
signum valeat 30 gradus multiplicamus signa
per 30 et numerus productus quotiens est numerus graduum
in [illegible] signis [illegible] 2 signa valent 60 gradus
[illegible] 90 gradus. ¶ Si vero haberemus signa et minuta 2 que
vellemus reducere ad 2 ut gradus [illegible] minuta vel 2
[illegible] est modus ut primo reducamus [illegible] ad gradus
multiplicando numerum signorum per 30 et cum eo quod provenit
addamus gradus qui erant cum signis et totum redu-
camus ad minuta multiplicando per 60 et productum minuta
cum hoc addamus minuta que erant cum gradibus et signis
et iterum totum multiplicamus per 60 et provenient
[illegible] et sic de quibuslibet minutiis physicis faciendum est.
¶ Physicas vero minutias eiusdem ad integra reduces scilicet
minutias dividendo per 60 et iterum numerum quotiens per 60 et fiat
totiens quousque perveniatur ad integra. Si aliquid
remaneat post quamlibet divisionem per 60 illud non
debemus abicere sed suo loco servare ut sciamus
dicere quot integra minuta 2 3 valeant minutie pro-
date verbi gratia ut si [illegible] 8 3 2 4 1 9 3 volumus
reducere ad integra primo reducamus ad 2 dividendo
per 60 et provenient in numero quotiens 1209 2 et remanent
post divisionem 39 3 que servamus ad partem et 1209 2
dividamus per 60 et provenient in numero quotiens 120 minuta
et remanent 9 2 que servantur cum 3 post servata
et iam 120 minuta divide per 60 et provenient in numero
quotiens 2 integra scilicet 2 gradus in astronomia et remanent
nihil scilicet 0 quod servatur cum 2 prius reservatis. ¶ Et
volentes cum minutiis servatis 2 gradus qui resultant in
numero quotiens sit 2 | 0 | 9 | 39 dicamus quod 8 3 2 4 1 9
3 valent duo integra scilicet 2 gradus et remanet
ultra minuta 29 2 et 39 3. ¶ Si vero velles redu-
cere minuta gradus in plura quod 30 ad signa dividas
minuta graduum per 30 et numerus quotiens reputabitur [illegible]
et si aliquid sit residuum erunt gradus et reponetur
in loco suo. ¶ Sciendum est quod quotiens pervenimus
nobis in astronomia plures quam 360 qui est
numerus graduum totius circuli semper abiciamus 360
et residuum ponetur. Et si plura sunt [illegible] remanet
sic productum abiciatis semper 12 et residuum semper ponetur.
¶ Modum addendi minutias semper ponere si fuerint
minutie vulgares cum eiusdem denominatione

addamus numeratorem unius ad numeratorem alterius denomina-
tionis minutiarum et fient ut si vellemus quartam cum quarta addere
addamus 3 cum 1 et erunt 4 qui sunt 4 quarte. Si non
fuerint diverse denominationis reducantur ad eandem de-
nominationem per precedentem et tunc scias quot partes numerator denomina-
tore optineat cum precedente et totum istum numerum
adde simul et fiet etc. Si non erunt plures
minutie quam due et erunt eiusdem denominationis
adde numeratores omnes adiunctos et fiet etc. Si
non fuerint diverse denominationis reducantur ad
denominationem quamcumque et scias quot partes numerator
a denominatore quam obtineat precedentem modo et totum
illum numerum adiunctum adde ut prius dictum est. Si physice
non minutie addantur ut utraque sunt addenda adiunge
illa que sunt eiusdem denominationis ut minutie minutiis
secundis et tertie tertiis et debes incipere a minutiis subtilibus
versus dextram et quotiens in addendo excreverit sexa-
ginta adde unum minutie precedenti versus sinistram et
residuum quod est minus 60 stet in loco suo et in additione
cuiuslibet minutie physice [illegible] quotiens excreverit ad
[illegible] excreverint 30 [illegible] unitas addenda est
signis et isto modo fiat plurium variatio. Isto
[illegible] fit additio in minutiis [illegible] addendo
[illegible] adiuncte si excreverint 28 hoc unitas addenda
[illegible] residuum stet in loco suo. Item potes tu
si volueris minutias physicas diverse denominationis red-
ucere ad eandem denominationem quamcumque et [illegible] adiunge
adde [illegible] non addito reducatur ad grossiorem
minutiam precedentem et tunc grossiores minutias adde ad
invicem. Si non habes signa gradus minuta secunda et tertia
vel [illegible] alia signa gradus minuta et quotiens oportet
scribes eo ordine quod habes unum sub alio quolibet
sub suo genere et incipe addere a subtilioribus
[illegible] et quotiens excreverit additione [illegible]
60 adde unitatem minutie [illegible] grossiori
et fac eodem modo de aliis addendo omnes [illegible]
sunt unius denominationis adde adiunge [illegible]

Propositas minutias ab aliis proponis subtra-
here. Si non minutie vulgares fuerint eiusdem
denominationis subtrahe numeratorem [illegible] minutie
subtrahende a numeratore illius a qua debet fieri
subtractio et patet propositum. Semper enim

minor a maiori subtrahi potest [illegible] equalis ab equali
[illegible] minori neque. Item scias quod de-
nominatio non [illegible] subtractio ut si [illegible] subtrahe
3/12 a 8/12 remanebunt 5/12. Si minutie non fuerint
eiusdem denominationis reducas ad eandem denominationem
quamcumque. Item scias primam [illegible] obtineat
subtrahenda denominatorem cum [illegible] obtineat
minutia denominatorem a qua debet fieri subtractio et fac ut
prius scilicet subtrahe [illegible] quotiens minutie a qua debet fieri
subtractio et fiet etc. Et si velles minutias plures diverse
denominationis subtrahere ab una vel pluribus diverse
denominationis tunc tamen minutie subtrahende [illegible] a quibus
debet fieri subtractio reducantur ad unam denominationem
quamcumque per secundam [illegible]. Item scias [illegible] minutie
subtrahende habeant de denominatione cum eodem [illegible]
[illegible] minutie habeant a qua debet fieri subtractio et tunc
fiat subtractio ut prius. Item minutiarum physicarum vero
sit subtractio ut [illegible] subtrahe minutias [illegible]
2 a 2is 3 a 3is et de aliis. Si non velles sub-
trahere minutias diversarum denominationum ab invicem ut 2 a
minutiis [illegible] primo per 2am [illegible] reduc minutias ad 2
[illegible] accipe tot minutias quod post
reductum ad 2 possit fieri subtractio et ita facias
in aliis. Si non [illegible] minutie 2e et 3e fuerint [illegible]
[illegible] a qua debet fieri subtractio [illegible] minutiarum vel 2o vel
3o vel aliquo [illegible] illa a qua debet fieri
subtractio aliquo [illegible] minutiarum vel 2o vel 4o. Item
scribantur minutie que debent subtrahi ita quod quelibet sub suo
genere scribatur scilicet utraque submittes minutias minutiis
2 sub 2is 3 sub 3is et incipe [illegible]
[illegible] minutia quod subtrahenda supposita et si potest
[illegible] suppositum [illegible]. Item [illegible]
unitas a [illegible] grossiori [illegible] minutie precedentis et [illegible]
quod habebit 60 vel [illegible]. Si [illegible] non possit minui
unitas [illegible] precedentis [illegible]
[illegible] unitas [illegible]
precedentis et [illegible]
[illegible] unitas habebit 60 [illegible] et
[illegible] habet 60 vel loci
a quo debet fieri subtractio subtrahe [illegible]
et residuum stet in loco suo. [illegible]

Si in primo loco fractionis grossiori sunt .. p..
..a in 2 p.. a fine .. 4 de aliis Si in
veniatur cyfra aliqua debet mutuari unitas que
p.. est ... quousque inveniatur nec aliqua
possit mutuari unitas et ... in quolibet
loco cyfre dimittenda sunt 59 sicut dictum est ...
... ita quod illa unitas mutuata non
debet 60 ... mutuare a minutiis ...
denominationis sed si 2 non potest subtrahi a 2 ..
oportet mutuare unitatem a minutis quia unitas valet
60 ... 2 ... ut visum est ut dictum est in 2 ...

Sed si velis subtrahere 2 a 2 ... figura
non subtrahi possit a prima ... supposita ...
oportet mutuare unitatem a 2 ... 2 ...
... quia solum debet 10 ... 4 de aliis 2 ...
... datum in algorismo Similiter ... si ...
... qui sunt integri non potest subtrahi
... superioribus quia forte est in cyfra vel ...
minus est minor et ... mutua unitatem a signo
quia unitas debet 30 g. ... cum quo signum
debet 30 g. et similiter si mutuando unitatem ...
... ad integra sicut dictum est ... ad g...
et ubi inveniens .0. ... sic ... ad signa
... mutuare unitatem et reddendo unitatem mutuatam
... debet ... 29 et deinde ...
... dimittere 59 sicut dictum est Similiter
facias in ... horarum 2 ... 2 ...
de aliis Si horas ... vellemus subtrahere ab
aliis horis ... non possemus tunc debet mutuare
unitatem ... 24 ... horarum ... 24 horas
addamus cum horis ... debet fieri subtractio ... tunc
... subtrahamus ... subtrahendum ... Sic
facias si oportet mutuare unitatem ab horis et non
possemus quia in loco horarum est cyfra ... addi=
... et reddendo in loco horarum dimittere 23 horas
... in minutis ... sicut ... signum valet
30 g. ... dies valet 24 horas ... g. sunt
integra ... hoc sunt integra Et ... quod ...
... subtrahere ... g...
... non opus facere sic ...
superior ... a ... si ... sit ... opus
addere cum eo 360 g. ... anno ...
fiat subtractio ut dictum est ... non Est etiam

... quod si numerus ... debet fieri subtractio ... signa
g. ... 2 ... 3 ... denominationem ... deno-
minationem ... quia debet subtrahi possumus
... ad eandem denominationem per ...
... et deinde subtrahi ...

Multiplicationis duplicare facias quod eodem
modo fit duplatio sicut additio Cum nichil aliud
sit duplatio quam duos numeros equales sibi
invicem addere Sed in fractionibus vulgaribus ...
numerator et ... sicut ut dictum est de additione

Ptolomeus ... dimidiare in vulgaribus ...
si sit impar media numeratorem et ...
... si sint ... ad eandem denominationem
mediabis sicut dictum est in integris Et ...
... ad eandem denominationem ... a sub-
... et si sit ...
dictum est de integris Si non sit ... impari
... media maximi ...
illo impari ... facies 60 ...
... 30 quia pones in loco ... usque de ...
Deinde ... si sint ... pari
... dictum est Si sint sub impari ... media
... 30 addas ...
... loco ... usque ...
forte est in cyfra ... si sit
... sub impari ... de illa ... accipias
... 30 et adde ...
... de ... impar ...
quia ... 12 et adde cum ... Multiplicationis

Duabus minutiis ... palia ...
in vulgaribus ... in numeratorem ... numeratorem ...
... et productum facies numeratorem et ...
denominatorem per ... et productum facies de-
nominatorem et sic ... 2 ... 3 ...
Si non ... numeratorem ... ad
... per 2 ... fac ut dictum est ...
... fac in aliis speciebus Si volueris ...
multiplicare ... integrorum ...
... numerum ... denominationis
Si non ... sunt ... et integra ...
... multiplicandi ... multiplicandi ...
denominationis et adde ... reductum ...

quas habebas eodem modo fit de minutiis multiplicandis cum suis
integris. Deinde multiplica minutias primi cum 2^is quod docui
in principio huius capituli. Verbi gratia volo multiplicare integra 4
per duo integra 3 reduca primo duo integra ad minutias
ad 4 per 2^am regulam et provenient 8 quibus adda
4 que erant cum integris et sic 10 4ta erunt. Similiter
reduca 2 integra ad 3as et fient 6 quibus addam
de 3 et erunt 8. Deinde multiplica 10 per 8 et provenient
12 quas reduco ad integra per 2^am regulam
et habebis quod habes 6 integra et 12 que sunt due
partes integri. Et hic notandum quod quanto plus
multiplicatur provenit magis minus minutie. Secundo
reducas eas minutias ad integra 2^a regula quod docui
in 2^a regula vel ut scias quod integra vel ille minutie
generantur. Et minutie de numero phisicarum fractionum multiplicantur
sic: ducendo numeros unam in aliam et provenient minutie
denominate a numero quod denominatoribus simul iunctis producitur
ut si minutia multiplicanda per minutiam provenient 2^e
quia minutia denominatur ab unitate cum sit prima a fractione
sicut ad unitatem fractiones a quibus sic denominantur
2^e ut si 4ta multiplicas sic per 3^a provenient
7^e per eandem rationem et sic de omnibus aliis ut provenient
minutia cum distat ab alia sicut illa alia distat
ab integris. Item cum distat 2^a minutia quantum ipsa distat
ab integris sed 4ta cum distat a 2^is quantum 2^a ab
integris. Nota tamen quod si minutia multiplicanda per
integra vel econtra provenient minutie denominate eodem modo
quo prius. Et pro multiplicatione minutiarum diversarum
vulgarium denominationum primis et dissimilium
denominationum potes si vis reducere minutias
que sunt multiplicande ad idem genus et minutias per quas
sunt multiplicande ad idem genus. Deinde multiplica
vel si nolis tunc non reducas ad idem genus tunc
oportet similiter multiplicare minutiam multiplicandi
ducere et postea illa que provenient adde ad invicem
[illegible] adsimul per 3^am regulam
verbi gratia si multiplicare volueris minutias 2^e per gradus
per minutias et per 2^e. Deinde duc primo multiplicantem
integra cum multiplicando et provenient que sunt ad
partem. Deinde duc multiplicantem minutias
multiplicandi et provenient minutie 2^e primo.

minutie sua ad partem per se. Deinde postea iterum duc
2um numerum multiplicantem in 2um multiplicandi et provenient
2^e que iterum sunt per se. Postea duc minutias
numeri multiplicantis per minutias multiplicandi et provenient
minutie que iterum sunt secundo sub aliis minutiis per
se. Postea duc minutias numeri multiplicantis
per minutias multiplicandi et provenient 2^e quas scribe sub
aliis 2^is per se. Postea duc iterum easdem
minutias multiplicantis per 2as multiplicandi et provenient 3^e que
sunt ad partem 2^e de singulis et postea duc 2as multiplicantis
per minutias multiplicandi et provenient 3^e que sunt
ad partem per se. Ultimo duc 3as multiplicantis per 2as multiplicandi
et provenient 4^e que iterum sunt ad partem per se. Deinde
adde omnes adsimul genus et factum est. Et si eius
multiplicando minutias primis diversas reducas ad idem
genus aliquod magnum numerum fieret quod oportet
numerum multiplicare. Unde tamen pono hic modum
per quem possimus facilius operari et cum modo
operari quod non deficiamus sequitur figura

4	5	6	9	2	0	2	
2/0	2/5	3/0	4/5	1/0	0/0	1/0	5
0/0	0/0	0/0	0/0	0/0	0/0	9/9	0
8	1/0	1/2	1/8	4	0/0	4	2
1/6	2/0	2/4	3/6	8	0/0	8	4
0/0	0/0	0/0	0/0	0/0	0/0	0/0	0
1/2	2/5	1/8	2/7	6	0/0	6	3

numerus multiplicans

Scribatur numerus multiplicandus per suas differentias
conformiter quadrilatere per certas quadrangulas particulares
2us numerus multiplicantis super septentrionalem
numerus multiplicandus in latere dextro a parte orientali
minus ad dextram et tunc duc primam multiplicantis in singulas
multiplicandi super septentrionem que provenient scribe in quadrangulo
in directo numeri multiplicantis et multiplicandi contento
et quod aliquod quadrangulum dividitur per diametrum
Si excreverit digitus scribatur in parte quadranguli

Inferiori si articulis scribe cyfram o. in parte inferiori
et in superiori digitum articuli. Si numerus compositus
scribe in inferiori parte digitum in superiori articulum
ita fac ducendo singulas in singulas multiplicandi.
¶ Secundum integra addendo singulas quia si item duas habes
dyametros quarum una addimus inter capita earum
inferiori versus [illegible] quia [illegible] est primo summe
procedens per multiplicatorem et quiuis per in ex. et pro-
cedens numerus qui scriptus est supra &c. [illegible]

Quod divisionem minutiarum dimittatur universalibus vulga-
ribus divide numeratorem minutie dividende per numeratorem divisoris
et denominatorem per denominatorem et proveniet minutia exiens
ut si 3/4 per 1/2 divisi fuerint exibunt [illegible] sed quia non
possumus precise sic operari [illegible] alia regula
generalis duc numeratorem minutie dividende in denominatorem
divisoris et productum facies numeratorem et denominatorem
divide numeratorem minutie divisi et productum facies
denominatorem et habebis minutiam exeuntem ut si 1/2 di-
visi per 1/4 exeunt [illegible] Alii vero divisionem minutiarum
[illegible] frangentes quia utrumque habent
dividi sit sine [illegible] reliquas [illegible] si divisio
et [illegible] numerator a numero dividendorum
et denominator a numero divisoris ut si 4 partes dividantur
per 1 homines quilibet habebit [illegible] pars sit tot
idem et [illegible] habebit [illegible]
et [illegible] numerus dividendorum [illegible] aliquem multiplex
et [illegible] quotiens numerus [illegible] tot habebit quilibet
ut si partes 20 per 4 homines dividantur quilibet habebit
[illegible] numerus dividendorum non est aliquem multiplex
et [illegible] fiat ut [illegible] numerus quotiens indicat
[illegible] multiplicatur [illegible] faciemus
ut [illegible] faciendo [illegible] numeratorem [illegible]
denominatorem ut si 23 partes [illegible] 4 homines [illegible]
[illegible] habebit [illegible] partes [illegible]
[illegible] dividere [illegible]
[illegible] totum [illegible]
[illegible] minutias [illegible]
[illegible] numerus [illegible]
[illegible] dividere [illegible]
[illegible] numerator minutie [illegible] denominatoris
[illegible] denominatoris [illegible]
[illegible] numerus [illegible]
[illegible] ut si dividas [illegible] proveniet [illegible]

que subtractus [illegible] remanet [illegible] denominatur [illegible]
[illegible] a [illegible] proveniet. Si non dividas
[illegible] per [illegible] subtractus [illegible]
et [illegible] non [illegible] [illegible] radicum extractio

Radicem minutiarum assignare extrahe. Redue minutias
vulgares diversi denominationis si habeas plures quam
unam vel [illegible] radice adeandem denominationem ut si fuerint
integra et minutie reduc totum adeandem denominationem [illegible]
[illegible] ¶ [illegible] radicem ut dictum est de integris [illegible]
[illegible] proveniet radix numeratoris [illegible]
[illegible] denominatoris [illegible] numerus denominans et habebis radicem
[illegible] ¶ Si numerus [illegible] fuit [illegible] si non non habebis
radicem non [illegible] ut alibi [illegible]
potes operari [illegible] alium numerum
[illegible] volueris [illegible] per denominatorem [illegible]
et productum facies denominatorem. Radicem [illegible]
[illegible] multiplica per denominatorem [illegible]
[illegible] per se [illegible] et habebis [illegible] quadratum
[illegible] denominatorem [illegible] radicem et [illegible]
[illegible] proveniet [illegible] numeratorem [illegible]
radicem et [illegible] producti [illegible] radice [illegible]
[illegible] potes et habebis radicem [illegible] denominatam
a numero [illegible] dixi [illegible] per denominatorem [illegible]
numerus [illegible] fuit maior [illegible]
[illegible] radice
[illegible] radicem minutiarum [illegible] [illegible] reduc
[illegible] si sint denominationis [illegible]
[illegible] sola denominatio [illegible] numero denominata
[illegible] denominationis [illegible] numero denominationis ¶
¶ [illegible] radicem [illegible] data [illegible]
proveniet radix [illegible] numerata a numero [illegible]
[illegible] denominata [illegible]
[illegible] ut si numerus [illegible] radicem [illegible]
[illegible] 2 et si [illegible] radices 3 [illegible]
et sit [illegible] residuum non [illegible]
[illegible] si radicem [illegible]
[illegible] radicem [illegible] ut [illegible] radicem [illegible]
[illegible] minutiarum [illegible] denominatione [illegible]
[illegible] denominationem [illegible]
[illegible] ponat tot [illegible] volueris [illegible]
[illegible] et [illegible] posuimus [illegible]
habebis [illegible] totius numeri ita [illegible]
[illegible] si sit [illegible] residuum [illegible]

Deinde attendas an in proveniente ex ratione tot sint fractiones quot erant medietates (?) [illegible] quas proposuisti in capitulo uno [illegible] capitulis figuris et residuum [illegible] quod manebat versus sinistram suam partem est idem. Si vero [illegible] eiusdem radice sunt idem. Si vero sit minor radix et minuta que erunt denominate alio modo [illegible] idem ut dictum est [illegible] de fractionibus quas amonuisti [illegible] per 60 et deinde quod provenit ex ratione tot fractiones quot erant medietates [illegible] quas addidisti ut [illegible] capitulo [illegible] et residuum suum cum alio [illegible] [illegible] erit minuta. Si vero [illegible] erant minuta [illegible] et residuum minuta denominata [illegible] sequenti denominatione radicis [illegible] ut si radix illa erant minuta et minuta [illegible] proveniens erant [illegible] erunt [illegible] deinde per [illegible] fractiones quas ultima [illegible] amonuisti [illegible] per 60 ut [illegible] et deinde quod provenit quod erat amovere [illegible] tot fractiones quot erant medietates [illegible] quas [illegible] addidisti ut [illegible] et residuum suum cum aliis [illegible] minuta denominationis sequentis [illegible] ultimam [illegible] fractiones quas ultima [illegible] amonuisti [illegible] per 60 ut [illegible] et amovere medietates [illegible] ut [illegible] et residuum erit minuta [illegible] alias [illegible] natas et sic [illegible] quotiens volueris [illegible] radicis [illegible]

Quomodo [illegible] radice cubica [illegible] reducentur minutis ad eandem denominationem [illegible] denominatorum [illegible] et id quod provenit [illegible] maiorem minutis [illegible] quod provenit [illegible] radicem et radix proveniens [illegible] radicis denominationis [illegible] mutata [illegible] radicis [illegible] [illegible] fuit cubicus si vero [illegible] radice [illegible] cubici [illegible] Si vero [illegible] radice [illegible] ponas [illegible] alium numerum [illegible] denominatione [illegible] facies denominatorum [illegible] illam [illegible] cubice et [illegible] qui fit ex multiplicatione [illegible] denominatorum [illegible] proveniens [illegible] facies [illegible] ab [illegible]

Si vero [illegible] radicem cubicam [illegible]

[illegible] non sit cubicus [illegible] alium [illegible] volueris [illegible] facies denominatorum suam cum [illegible] et sic cubice [illegible] quod provenit [illegible] quod provenit radicem [illegible] facias [illegible] et habebis [illegible]

Et radice [illegible] et [illegible] [illegible] et [illegible] radicem [illegible] denominatione [illegible] ut si sint 3 [illegible] et 12 [illegible]

[illegible] radice cubica [illegible] et habebis radicem [illegible] [illegible] denominatione [illegible] denominationis minutis [illegible] et sit radix 12 [illegible] et radix in [illegible] 362 et sit [illegible] Capitulum

Quia [illegible] ad [illegible] proportiones [illegible] Et aliquibus proportionibus [illegible] proportionalitas [illegible] Et alia proportionalitas [illegible] proportionalitas [illegible] fuit ut si dicamus [illegible] ad 2 [illegible] ita 2 [illegible] ad 3 [illegible] et [illegible] illorum minorum [illegible] duo sunt noti et 3 [illegible] qua [illegible] cum aliquo illorum [illegible] ad alium multiplicatis ita [illegible] [illegible] proportione [illegible] et quod provenit dividamus [illegible] volo [illegible] ita [illegible] ad 6 [illegible] 6 ad 9 [illegible] 6 [illegible] et fiet 36 et divida [illegible] 9 [illegible] proveniet [illegible] ita [illegible] ad 6 [illegible] 6 ad 9.

Si vero [illegible] proportionalitas [illegible] fuit ut si dicamus [illegible] ad 2 [illegible] ita 3 [illegible] ad 4 [illegible] 3 sunt noti ut 1 2 3 et 4 [illegible] multiplicabis [illegible] et divide [illegible] et exibit [illegible] qui [illegible] [illegible] 6 8 et 12 [illegible] volo [illegible] 6 ita [illegible] ad 8 [illegible] 12 [illegible] 9 et 8 [illegible] 29 et 6 29 [illegible] 2 [illegible] 6 [illegible] 8 [illegible] 12 [illegible] ita [illegible] ad 6 [illegible]

[illegible] [illegible] operationibus [illegible] et [illegible] 12 [illegible] 29

[illegible]

Explicit algorismus minuciarum vulgarium et physicarum sub anno domini incarnationis 1288.

[illegible]

Sequitur

[illegible]

mo p^s descendit a linea medij celi et fuerit circulus altitudinis
qui fuit circulus altitudinis ... supra ... lineam medij celi
[illegible]
[illegible]
[illegible] ... planete ... circulus ... altitudinis
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
... Capitulum ...
[illegible]
[illegible]

[illegible]

Hec ...
[illegible]

[illegible]

... almur ... ...
[illegible]

Q ...
[illegible]

[illegible]

T ...
[illegible]

Cum autem volueris meridiei scire altitudinem solis tunc eadem die meridiei quando et per eam videbis umbram ut supra dictum est. Item ad sciendum rei altitudinem scilicet volueris per dyametrum quadrantis [illegible] altitudinem rei posita. Regula eadem die ante [illegible] vero ea movere debes prout [illegible] ei [illegible] sublimitatem ut videas et ipsa est longitudo a loco [illegible] finis in medio rei ad altitudinem [illegible] a visu in terra tota et altitudo rei procul dubio. Si autem [illegible] ut non movearis de loco inveniendo volueris [illegible] eadem die sublevata vel depressa debes prout [illegible] videas in [illegible] si [illegible] accidit super umbram [illegible] proportione si [illegible] 12 ad ista puncta [illegible] proportionis sic habebit altitudo rei ad longitudinem [illegible] ad ipsam rem addita [illegible] tua longitudini. Si non accidit super puncta umbre [illegible] ista pars erit puncta [illegible] 12 [illegible] pars [illegible] altitudo rei [illegible] longitudinis [illegible] radice [illegible] longitudinis [illegible] Unde nota si sint [illegible] dyametros [illegible] altitudo rei [illegible] longitudinis [illegible] addita statura tua. Et si sint super umbram [illegible] altitudo ad longitudinem. Si vero [illegible] longitudinem. Si non vero [illegible] accessibilis altitudo sint [illegible] [illegible] rei [illegible] quanta visa per [illegible] puncta umbre [illegible] sint [illegible] sint [illegible] umbre [illegible] generet. Uno parte [illegible] [illegible] ut [illegible] rei [illegible] vero statura [illegible] videas quo [illegible] puncta umbre [illegible] sint 2 in 12 puncta umbre [illegible] 2 a 2 [illegible] 12 pedes [illegible] [illegible] [illegible] [illegible] [illegible] accessibilis [illegible] altitudo per eo [illegible].

Et cum omnibus [illegible] [illegible] [illegible] rei [illegible] [illegible] 2 [illegible] 2 [illegible].

Si quis [illegible] meridiei [illegible] [illegible] quod sint [illegible] ad 12 [illegible] ad 12 [illegible] si [illegible] accidit super puncta umbre [illegible]. Item [illegible] [illegible] [illegible] [illegible] solis in [illegible] et si hoc ille [illegible] [illegible] pone [illegible] solis super [illegible] meridiei [illegible] ibi [illegible] hoc [illegible] [illegible] solis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in [illegible] orizontis. Si autem hoc [illegible] [illegible] solis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in [illegible] [illegible] [illegible] [illegible].

solis [illegible] per [illegible] solis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sol [illegible] orizontem. Exemplum [illegible] [illegible] [illegible] [illegible] [illegible] 12 [illegible] [illegible] 19 [illegible] 2 [illegible] 12 [illegible] hoc [illegible] 18 [illegible] 30 [illegible] [illegible] [illegible] 18 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] 138 [illegible] 36 [illegible] quibus [illegible] [illegible] [illegible] [illegible] [illegible] 60 [illegible] 82 [illegible] 32 [illegible] 179 [illegible] 23 [illegible] 82 [illegible] 32 [illegible] 110 [illegible] 28 [illegible] 110 [illegible] 32 [illegible] 3 [illegible] 173 [illegible] 32 [illegible] 60 [illegible] 36 [illegible] 29 [illegible] 119 [illegible] 264 [illegible] 201 [illegible] 21 [illegible] [illegible] [illegible].

Ista pars sic finita est pars [illegible] [illegible] [illegible] [illegible] que primus [illegible] est

[illegible]

[illegible] ipsarum specierum mundissimo ac
[illegible] temperate [illegible] gladium et baldi
[illegible] crux et pono
[illegible]
[illegible] celiter [illegible]
[illegible] species [illegible]
[illegible] exprimitur
[illegible] viride [illegible] maxima
[illegible] experimentum
[illegible] [illegible] de vario [illegible]
[illegible] sunt nobilissime [illegible]
[illegible] maius quam [illegible]
[illegible] nubes [illegible]
[illegible]
Nō [illegible] in nocte sicud
[illegible] reliqui [illegible] resplendencia
[illegible] [illegible] dotibus
quia [illegible] [illegible]
[illegible] volumine [illegible]
[illegible] [illegible]
[illegible] [illegible] predicto
signe [illegible] super
ea pone [illegible] flores
florisque [illegible] separatis
[illegible] species
[illegible] cum eod
[illegible] [illegible]
[illegible] [illegible]
[illegible]
[illegible] ferrea in
[illegible] me [illegible]
[illegible] quanto ante [illegible]
[illegible]
[illegible]
[illegible]
[illegible] sicud [illegible]
[illegible]
[illegible] similes
[illegible]
[illegible] et [illegible] et

Lapis [illegible] [illegible] reliquit [illegible]
[illegible] et si displic[illegible]
[illegible] anime et
[illegible]

Item nota quod ... arcus ... aliud ... sinus ... per ... [illegible] ... arcus ... et minor ... 180 ...

Omnibus arcubus propositi sinum rectum invenire. Sinus rectus est medietas corde portionis arcus dupli. Cum igitur sinus rectus per diametrum arcum ... cordam tenditur ... perpendiculariter super cordam et eam orthogonaliter secans. Cum igitur ... sinus quilibet aut est arcus 180 graduum vel minor. Si non fuerit arcus 180 graduum sed subtractus minor 180 gradibus et residuus operacio. Et si fuerit minor ... opera cum eo. Cum igitur ... arcum ... corda ... medietas ... augmentatur per dimidium et dimidium gradus si eum possis perficere invenire. Et sinum rectum in duos divide ... accipe quod est sinus propositi arcus. Si non arcum propositum non possis perficere invenire quod contingit ... in arcu proposito cuius sinus ... fuerit gradus et minuta illa fuerit plura 30 aut ... minuta cum ... accipe sinum quod vincens inducto et cum suo dimidio minuta ... et sinum ... subtrahe. Item ... duo ... sinum et secundum subtracto ... a ... de qua ... accipe partem proportionalem ... minutorum arcus propositi ... 30 ... sinus ... secundi ... Item ... parte proportionali adde ... sinus ... accipe si fuerit ... vel abice subtrahe si fuerit ... Et habebis ... sinus arcus propositi. Et scias quod 30 est ... et ... minuta ... 30 est 2 4 ... duorum ...

Sinus versi propositi arcum invenire. Cum igitur sinum propositum ... perficere potes invenire. Et quod ... linea ... accipe que est arcus propositi sinus. Si non ... sinum non invenire ... accipe ... et arcum inducto ... sinum ... proposito sinum. Et residuum ... que est ... sinum ... et sinum propositum et est ... Cum accipe ... sinum ... accipe ... Et ... subtrahe ... a ... Et est ... 30 ... augmentatur est ... Item accipe ... partem proportionalem de 30 minutis ... proporcionem ... et ... divide ... Et quod provenerit arcum ... superadde ... si ipse minor fuerit. Sequitur 3.

Arcus propositi sinum versum invenire. Si minor quam ... arcus propositi ... 90 fuerit illum de 90 minue. Et residuum corda ... sinum ... quod est totius sinus versum minue et ... quod remansit erit sinus versus arcus propositi. Si vero arcus propositus plus 90 fuerit ... supra 90 accipe et ... sinum rectum ... addde super 60 quod est dimidium diametri. Et quod provenerit erit propositi arcus sinus versus. Quarta doctrina.

Sinus versi propositi arcum invenire. Si sinus versus minor 60 fuerit eum de 60 minue et residuum ... arcum ... de 90 minue et residuum erit quod queris. Si vero sinus versus plus 60 fuerit minue ex eo 60 et residuum ... arcum ... addas cum 90 gradibus et quod provenerit est arcus propositi sinus.

Omnibus arcus propositi cordam per tabulas cordarum et mediationem invenire. Arcum propositum media ... sinum rectum ... quod duplicatum est arcus propositi corda perfecta.

Omnibus corde per tabulas propositi arcum invenire. Cordam propositam media ... arcum qui provenerit duplicabis et ... est arcus ... corde.

Instrumentum ad linea meridiana ... alio nomine ... meridiana dicitur ... modo ... subiungitur. Capiatur lapidea ... seu ... marmorei ... defacili a calore solis ... plane ... superficies ... et ... superficies plana ... potius ... [illegible] ... oculus ... potius ... [illegible] ... stilus ... baculus vel ... cuius caput ... acutum et immobili ... longitudo ... erectus super superficiem ... diametri ... orthogonaliter erigatur super superficiem ... Cum ... potius cum circino posito cuius pedes ... in circulo ... ad ... per ... pede circini ... circuli ... per ... circuli ... pede extenso ... ad ... stili ... non possit ... Cum igitur ... statuatur in ... orizonti ... non ... declinans in aliqua parte ... orizonti ... potius ... instrumento ... quo latomi lapides suos ... equidistantes orizonti ... in superficiebus immobili. Cum ... lineam meridianam ... dici ...

meridie quam sindas stili puncto adtacti circuli [illegible] tunc puncto contactus umbre et circuli fiat unum signum cum aliqua re acuta quod sit a. Deinde expectata per ante meridiem quousque perveniet iterum umbra stili sindas ad circuli circumferentiam, quod sit post ... vel ... contactus fiat 2m signum quod sit b. Post hec arcum circuli inter utrumque signum, scilicet arcum a.b. inter duas partes equales divide in puncto c. a quo duc rectam lineam usque ad circumferentiam in puncto opposito quod sit d. transeuntem per centrum circuli et hec est meridiei linea quam quesivisti. Deinde quere umbram stili que sit c.k. 2m rectitudinem ipsius lince occasio [illegible] sit umbra longa a bene mire decem denotabit. Post hec circulum cum alio dyametro que ipsam p. descripta s.d. c.e. ad angulos rectos describat super centrum quadrantem que sit g.e. f. et est hec linea per quam vel oriens et occidens ubi dicitur capitulo orientis et libre et occidentis. Et dicitur hec linea oriens et occidens per puncto vero d.c. post meridiei et puncto c. septentrionis puncto autem f. ex parte orientis et puncto g. occidentis. Nota quod melius vel pro certum instrumentum situari dum sol est in capite cancri vel tempore quo calor melius quo tempus vel tempore cancri declinationem duas obscuritas. Nam quando casu linea obscuratur erant tempore anni solis polus ... situando linea meridiei et oriente ... dum sol est in signis [illegible] nulla ... super hoc climate et modo dabitur [illegible]

Nota quod super quod si solum distat 260 gradus ... situacionem hoc dicunt azimuth solis et usque ... per dictas 260 cadit illa umbra unde est azimuth et si cadat inter d. g. azimuth ... occidentale tot gradus quod sunt gradus inter punctum g. f. et umbram. Et si cadat inter g. c. est azimuth meridionale tot gradus quod distat umbra a puncto g.

Et si cadat inter f. c. est azimuth occidentalis meridionale tot puncti quod sunt gradus inter punctum f. et directum umbre.

Nota quod caveas quod si umbra non pervenit usque ad circumferentiam circuli tunc poteris ducere filum stilo alligatum 2m longitudinem umbre usque ad circumferentiam ut scias super quam partem cadat umbra. Vel pone lignum et regulam rectam circa terminos ... medio ... recta 2m longitudinem ... uno capite linea ... ut ... cadat ... ita quod linea mediat ... umbre et videbis super quam dimissionem circuli cadat su-

[illegible] per capite ubi cadit circuli climatis medietas ... super quam partem cadat umbra. Quod si non ... ipsorum valere videbitur in sequenti

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Instrumentum ad capiendum altitudinem solis et stellarum per obscuras sic facies. Sume quandam liguram vel ferrum vel eneum quod sit planum quadratum continua cuius longitudinem duas ulnas vel quantum potest ut ... vel generat quod quanto maius fuerit tanto melius est. Sit longitudo a. b. c. d. cuius partes a. scilicet centrum et super ipsum centrum a super ... b. a termino ... b. c. quod dividas per 90 et ... parte vero ... super ... plana ... distantiam ... Post hec duas cuspides ... cum circino ... angulo ... acutas quarum altitudinem ... a ... non ... b figas. Deinde plumbum ... cuspidis que est media ... usque ad ... cuspidis que est ... b ut ... a linea b declinet ... hec ... instrumentum situatum. Sic cum ... declinationem male ... super ... et ... figure ... ex ... latus ... a. b. sit linea meridiei ... ducta ad ... Post hec ... lamina ... sit o. media sit linea 2m longitudinem ... mediante ... ... cuspide a ... alia ... super circumferentia ... b. c. ita quod ... elevetur et ... ut umbra cuspidis a sit 2m longitudinem linee ... et alia ... sit arcum b. c. sit ... usque ad ... media ut mediate ipsa videatur super quam ... cadat umbra cuspidis a ... non ... circumferentiam ... arculi b. c. sit alia cuspis ... illi que est ... a media ... situata quod sit h. ut ... cuspidis a. et h. ... stelle ... altitudinem solis ... Ad ... solis ... altitudinem solis dum est ... media ... instrumentum ut ... Et eleva ... a. h. ut umbra cuspidis cadat ... a. h. Et ... a. h. et ... circuli b. c. et ... altitudinem solis super orizontem. Si non ... in ... circulo altitudinis ... capitulum ... a ... b. h. ... tantum est ... arcus ...

Ilatitudines ut accipe locum solis Cum vero nolueris idem de stellis facies eodem modo ut dante inspicientibus stellarum perspicuis a. h. elevando vel deprimendo regulam quousque videris eam perfunctam cuspidem ejus fit carpus due alatitudinem dum sic videris Notandum quod si ingeniabis modum per quod regula volvatur super latus a. c. ab oriente usque occidentem admodum [illegible] domus et quod filum cum plumbo pendens a puncto b. cum vertitur linee b. d. inmaneat semper super eandem lineam in toto illo modo posses accipere altitudinem et elongationes utriusque velles eum indice et post Genua tamen bene quod cuspis a et z h sit orthogonaliter super superficiem quadrati a. b. c. d. quare aliter erit error [illegible] generia et et hoc quadrati est figura

Instrumentum ad accipiendum altitudinem stellarum observationes faciendas construere Fiant 2 plane regule de ligno vel de ferro vel de aere fortes et rigidas ut de levi torqueri non possint quarum altitude superficiei Sit una earum linea petitas 2 [illegible] longitudinis et una latitudinis Sint autem ille regule f. g. et l. f. g. notamus quod una earum vel f. g. [illegible] arbitror secundus ad placitum quarto latus f. g. [illegible] latitudo vero Sit eius ipsi fundum f. g. h. c. ei da lapidi vel columpne cuius basis quarta intrat a. b. c. d. ut inde moneat figere. Da non et la sic due pinnule elevatis toto fixe et admodum [illegible] pinnularum ad labium ita ut due carpus hoc mediam erecte sic super latus meas f. l. fixura dicto duo foramina sic opposita ut claudi distinctam alias f. l. [illegible] quarum alter minor prima alterum vero minor per l. [illegible] regulas in f. f. sicut ut desuper monea sit modo unius pedes et unius elongando se ab alia pede et ad appropinquando Secundum vero f. g. ita sit et hoc [illegible] carpus duarum lineas f. h. et f. l. firmiter Cum vero sic linea h. k. [illegible] et [illegible] [illegible] [illegible] h. k. [illegible] f. l. m. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] duas regulas f. g. et h. m. super punctum h. duobus [illegible]

adherent medias [illegible] [illegible] [illegible] Est enim et regula f. l. [illegible] [illegible] [illegible] abscisio [illegible] [illegible] [illegible] [illegible] parte 2 [illegible] medietatis [illegible] latitudinis regule h. m. ut determinata [illegible] duci possit Sit ut [illegible] f. l. media et h. m. [illegible] plana sit superficies [illegible] Secundum basis a. b. c. d. [illegible] f. h. g. c. [illegible] [illegible] quousque linea b. c. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] plumbum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] pendatur ut [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] basis a. b. c. d. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Cum [illegible] due pinnule [illegible] f. l. [illegible] [illegible] sol [illegible] [illegible] [illegible] [illegible] due pinnule [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] pinnule [illegible] h. m. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] f. l. [illegible] [illegible] duas [illegible] f. l. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] basis a. b. c. d. [illegible]

Omnis arcus zodiaci apud [illegible] [illegible] [illegible] declinationis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] polos mundi [illegible]

10

[illegible]

proveniet divide per 60 summam [illegible] et exibunt signa declinationis arcus propositi 11

Declinationem [illegible] arcus 30 graduum a principio arietis inchoantes per tabulam adhuc sic [illegible]. Scias quod tabula declinationis [illegible] ordinatur post maximam declinationem 30 graduum [illegible] 23 [illegible] 33 minuta et 30 secunda.

[illegible]

[illegible] 12

Umbram versam seu extensam per [illegible] altitudinem solis vel alicuius stelle invenire. [illegible]

[illegible] et producit summam [illegible] altitudinis propositae [illegible] umbre verse [illegible]. Si non aliquid [illegible] per 60 et divide quod proveniet [illegible] umbre verse altitudinis propositae. Et [illegible] per 12 [illegible] per 60 [illegible] Secunda 13

Umbre verse propositae altitudinem invenire. [illegible] umbre verse propositorum [illegible] adde [illegible] proveniet scias radicem [illegible] per 60 [illegible] et quod proveniet divide [illegible]

[illegible] 12

Umbram [illegible] altitudinis [illegible] per 12 [illegible] proveniet divide per summam [illegible] per 60 et productum divide [illegible]

[illegible] Secundum 14

Umbre verse propositae altitudinem invenire. Umbre verse puncta in se multiplica [illegible] per 60 [illegible] umbre verse propositae [illegible]

16 Omnis circuli arcus altitudinis propositi ... [illegible] per tabulas addidit fratres declinationis. Et huic arcui altitudinis in linea si posterius ... et quod [illegible] declinationis ... et minus ... [illegible] ... arcus propositi. Et si non posterius non posses [illegible] ... quod cum [illegible] arcu altitudinis ... [illegible] ... sol et [illegible] ...

17 Umbre recte propositi arcum per tabulas declinationis quere ubi ... propositi ... Et si ca ... [illegible] ... Et si non posterius non posses ... arcus propositi umbre recte ... [illegible] ...

[illegible]

18 Omnis circuli arcus altitudinis propositi ... [illegible] ... Et si non posterius arcum non possis [illegible] ...

19 Umbre propositi verse arcum declinationis. Et huic ... [illegible] ...

20 Omnis arcus zodiaci ... [illegible] ... arcus zodiaci ... [illegible] ...

[illegible]

...declinationis. Et deinde fratres declinationis ... arcus zodiaci incipientes a capite arietis ... [illegible] ... arcus propositi ... [illegible] ...

[illegible]

21 Omnis arcus zodiaci ... [illegible] ... Et si non posterius ... arcus zodiaci ... [illegible] ... Et si non ... [illegible] ...

[illegible]

Tabulis puncto zodiaci quod volebas Doctrina 22

Gradus ascensionum [illegible] orizonte recto addi [illegible]
eclesiis [illegible] Si illi gradus ascensionum incipiat
a capite capricorni que [illegible] tabula [illegible]
signorum [illegible] Si cos [illegible] potes [illegible]
et gradus eclesiis [illegible] zodiaci [illegible]
[illegible] incipiendo a principio capricorni Si non
gradum ascensionum [illegible] non posses [illegible]
[illegible] opacitatis [illegible] codicem [illegible]
[illegible]
[illegible] nos sepe [illegible]
[illegible] Sicut [illegible] in tabula
[illegible] eclesiis [illegible] adapte
Item gradus ascensionum [illegible] tabula ascensionum
[illegible] sub [illegible] in sidum [illegible]
[illegible]
[illegible]
[illegible] ascensiones [illegible]
[illegible]
[illegible] zodiaci [illegible]
[illegible] Si non gradus ascensionum non
incipiunt a principio capricorni [illegible]
[illegible] ascensionum [illegible]
ascensionum [illegible] a principio capricorni usque ad illud punctum
zodiaci a quo incipit ascensio illa Et [illegible]
[illegible] opacitatis [illegible]
[illegible] 360 [illegible]
[illegible] 360 [illegible] sidus opacitatis
[illegible] et habebis propositum 23

Latitudinem regionis et capitis arietis altitudinem et
altitudinem poli [illegible] stellarum et solis
[illegible] meridiana [illegible]
[illegible] Item sol vel stella fuerit in linea
meridiana [illegible] altitudinem non sol et stellarum
[illegible] meridiana [illegible]
[illegible] Item [illegible] altitudinem solis meridiana [illegible]
principio arietis vel libre et habebis altitudinem capitis
arietis et libre [illegible] si subtraxeris de 90 [illegible] sidum erit
latitudo regionis cum similis est altitudo poli supra
orizontem Si non fuerit sol [illegible] fuit
[illegible] declinationem [illegible]
[illegible] sub [illegible] de altitudine meri-
diana Si non fuerit sol [illegible] meridionalibus [illegible]
declinationem altitudinis meridiane adde Et quod post
[illegible] provenit erit altitudo
arietis quam subtrahe a 90 ut docuit et re-
manebit latitudo regionis et altitudo poli

Et sic possumus hoc [illegible] per stellas [illegible]
[illegible] altitudinem meridianam et declinationem
[illegible] sole
Si autem [illegible] volumus per aliquam stellam [illegible]
[illegible] meridiana [illegible]
[illegible] et [illegible]
[illegible] media [illegible] altitudo
poli [illegible] latitudo regionis quod de 90 [illegible]
[illegible] altitudo [illegible] supra orizontem 24

Altitudinem solis et stellarum meridianam per declinationem solis
vel stellarum [illegible] Si declinatio solis vel stelle
fuerit [illegible] altitudini capitis arietis addere Si
non meridianam subtrahe et quod [illegible]
provenit erit altitudo meridiana Et [illegible] si [illegible]
[illegible] quod provenit altitudo meridiana
a [illegible] Si non [illegible]
[illegible] capitis Si non plus quam 90 subtrahe
[illegible] quod [illegible] sub [illegible] de 90 et quod remanebit
erit elevatio supra orizontem [illegible]

[illegible] diei maioris in [illegible] climate quod 25
[illegible] poli altitudinem [illegible] altitudine
poli per 2 [illegible] altitudinem [illegible]
[illegible] per [illegible] maior declinationis
Et quod provenit divide per [illegible] totius de-
clinationis a 90 [illegible] quod provenit [illegible] per 60 [illegible]
[illegible] et quod provenit divide per [illegible]
altitudinis poli Et quod exibit [illegible]
qui provenit [illegible] diei
[illegible] duplatum [illegible] diei [illegible]
[illegible] gradum omnes 14.
[illegible] adde semper 12
qui [illegible] horarum diei [illegible] et habebis horas lon-
gioris diei Et si minuerit a 12 habebis horas
[illegible] diei Si vero vellis [illegible] diei
[illegible] signorum
[illegible] declinationis [illegible] duo
a [illegible] opacitatis [illegible] fecisti [illegible]
et habebis quod queris opera [illegible] Doctrina 26

Quartas circuli zodiaci a [illegible] incipientes ascensio
[illegible] obliqua [illegible] Item [illegible]
[illegible] ascensionem signorum [illegible]
[illegible]
[illegible] capitum et duo polis [illegible] orizonte
[illegible] equinoctialis non [illegible]
[illegible] et alter polorum elevatur super orizontem
alter depressus Et hec signorum elevationes [illegible] ab
illis que [illegible] sunt [illegible] Et [illegible]
magis poli elevatur in aliqua regione tanto magis

directe. ¶ Arcus [illegible] ascensionum zodiaci in spera recta inveniatur per 19. propositionem accipiatur altitudo capitis cancri [illegible] quibus sinum rectum quadrantis [illegible] multiplicetur in sinum distantie augmenti longitudinis dici illius regionis super diem equinoctialem dividatur per radium. Et quod provenit per 60 partes quod est totus sinus [illegible] provenit sinus differentie ascensionum [illegible] in spera recta et obliqua in illa regione. ¶ Vel aliter. sinum altitudinis poli in regione [illegible] qui est primus [illegible] deinde eandem altitudinem minue de 90 et residui [illegible] sinum qui est 2 [illegible]. ¶ Deinde declinationis arcus zodiaci propositi [illegible] declinationis [illegible] sinus et est 3 [illegible] residuum [illegible] declinationis subtrahe a 90 sinum [illegible] qui est 4 [illegible]. ¶ [illegible] sinum primi per 3m multiplica et quod provenit per [illegible] sinum divide et quod provenit est sinus differentie ascensionum in spera recta et obliqua arcus propositi [illegible] est arcus differentie ascensionum. Capitulum 21m

Omnium arcuum zodiaci a principio arietis incipientium ascensiones in spera obliqua [illegible]. ¶ [illegible] altitudinem [illegible] seu equinoctialis in regione illa [illegible] ascensiones signorum [illegible] per 20m [illegible]. ¶ Deinde [illegible] umbram rectam per 12 [illegible] per 10. ¶ Deinde [illegible] umbram illam altitudinis [illegible] differentie ascensionum [illegible] arcum per 2 [illegible] arcus [illegible] ascensionum [illegible] in orizonte recto et obliquo. ¶ [illegible] eandem umbram [illegible] duorum graduum [illegible] corporum [illegible] sic de facili [illegible] usque ad 90 [illegible]. ¶ Sed nota quod [illegible] duo arcus zodiaci [illegible] distantes [illegible] equinoctiali [illegible] ascensiones in spera obliqua. ¶ Est et notandum quod quilibet arcus medietatis zodiaci a capite cancri [illegible] capricorni [illegible] ordinem signorum usque ad [illegible] ascendit cum partibus [illegible] in spera obliqua quam in spera recta et [illegible] alia medietas eius. ¶ [illegible] ¶ Iuxta notandum quod [illegible] arcus zodiaci medietatis incipientis a capite capricorni [illegible] ascendit [illegible] in spera obliqua quam in recta [illegible] alterius medietatis ascendit cum pluribus gradibus in spera obliqua quam in recta [illegible] ascensionibus [illegible] in spera recta et obliqua [illegible] ascensiones omnium [illegible] zodiaci [illegible] usque ad principium cancri [illegible]. ¶ [illegible] duorum [illegible] usque ad

90 a singulis differentie [illegible] subtrahe [illegible] ascensionibus [illegible] de elevatione [illegible] in spera recta et eandem [illegible] adde [illegible] elevationis [illegible] et ultimi [illegible] libre et ultimi [illegible] et quod provenit [illegible] elevationis primi [illegible] libre et ultimi [illegible] virginis. ¶ Et eodem modo [illegible] duorum graduum [illegible] elevationis corporum duorum graduum in spera recta et eandem [illegible] adde [illegible] elevationis corporum duorum [illegible] in spera recta [illegible] provenit [illegible] duorum [illegible] duorum ultimorum [illegible]. ¶ Et [illegible] provenit [illegible] elevationis duorum [illegible] et duorum ultimorum virginis et libre. ¶ Et [illegible] de omnibus [illegible] usque ad 90 [illegible]. ¶ [illegible] facias [illegible] elevationes [illegible] in spera obliqua de 360 [illegible] elevationes [illegible] usque ad 29m [illegible] in eadem spera obliqua et adde [illegible] libre super 180 et habebis [illegible] usque ad finem [illegible] libre. ¶ Deinde [illegible] virginis de 180 [illegible] elevationes [illegible] usque ad 29m [illegible] virginis. ¶ [illegible] duorum graduum [illegible] elevationis corporum [illegible] et habebis elevationem duorum [illegible] et eandem [illegible] adde [illegible] elevationis duorum [illegible] et habebis elevationem duorum [illegible] libre. ¶ [illegible] duorum [illegible] de 360 [illegible] elevationes [illegible] usque ad 28m [illegible] adde elevationem duorum [illegible] libre super 180 et habebis elevationes [illegible] usque [illegible] libre [illegible] elevationem duorum [illegible] libre a 180 [illegible] elevationes [illegible] usque [illegible] 28 [illegible] virginis [illegible] facias de omnibus aliis usque ad 90 [illegible] ut habeas elevationem omnium graduum [illegible]

Ascensiones cuiuslibet arcus zodiaci in spera obliqua [illegible] ad [illegible]. ¶ [illegible] arcum propositum [illegible] ascensionum in spera obliqua [illegible] ad [illegible] et [illegible] possis [illegible] ascensiones [illegible]. ¶ [illegible] quamvis [illegible] arcum propositum [illegible] per [illegible] opere [illegible] declinationis [illegible] arcum propositum [illegible]

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pte aietis Cum⁹ volues scire dom⁹ arcy ist
e⁹ ascenz libus pro capiet stias ascen
primo q mno dens e apud aietis adfine
illi arcy poiti e sua eas Deinde stas e
asce⁹ apud aietis usq adillud pon 30ᵘ aquo
ma p arcy posit⁹ ds asce⁹ subt he apud
sunt si potes Si no no adde sr asce stias
360 e deni subthe e pue⁹ e asce⁹ arcy p
ositi capiet ab i⁹ pro 30 e sr volibas

Gradus ascen⁹ pro icizote oblig adq
e ciles reduta Cum⁹ ascen⁹ capiat abante
que i⁹ e ca asce⁹ sigz mo izote oblig
Et si psti⁹ tos potes dbe⁹ gradus ciles reduta
i lica vini gontes se q eis corruptes Si
uo no poss q ascen⁹ psti⁹ dbe⁹ mit ad
ho pmo i e opate h poitg codemo q
dom e in 22 hni ibe⁹ q ciles gdibus
ascen⁹ poit corruptes Et q p⁹ opom p
uenit cuiq 30 q⁹ ascen⁹ posit
corruptes apud aietis inchoatio Si no
ascen⁹ no capiat apud aietis apud aiet
ald⁹ sq pued a tab⁹ ul quotiq a⁹ pro 30
tui gdibus ascen⁹ poit adde q ascen
se apud aietis usq ad p⁹ pon 30 ad capi
ascen⁹ ille Et et ou illo q puenit o
ne ascen⁹ ille Et ce ou illo q pue
pde nt dom e ii quaddo⁹ posuit a⁹ mus
360 q Et si puenit plus subthe 360
e cu residuo opac ut dom e a sr hec posui

Arcu dici posite qta⁹ e nocti ibi vide
arcy dici e qt⁹ ab enoxi⁹ eleuata sr oizo
abortu sol usq adocca⁹ Et arcq nocti est
por⁹ enoxi⁹ inoluta abocca⁹ usq adortu
Cum volues h⁹ stias ascen⁹ q sr apud
aietis usq ad q i q⁹ e sol pag
...
sol si poss i si ascen⁹ q 30 i q⁹ e sol
...
sol pleus sunt ascen⁹ ...
adde sr ascen⁹ nadir 360 Et ce subthe
ascen⁹ q sol e q p⁹ subtho e ... e
arcq dun⁹ Et si volues arcu noctium
subthe arcu dium a 360 e ... e
e arcq nocti ... si volues ascen⁹ ...
nadir solis subthe abascen⁹ q sol si pos
es Si no no adde eis 360 e p ... sbthe

e rnacher e arcq nocti sicut noctium ...
Numerus h⁹ vna ho⁹ vel dici ul nocti p
arcu dium vbe⁹ Arcu dium p⁹
dide p12 e q pue⁹ erit h⁹ enoxi⁹ eleua
ti vna ho⁹ vel ... no ad sint residiu p⁹
di ... p 60 e ... dide p12 e q pue
nit erit m⁹ ... e ... eleua
tata vna ho⁹ vel ... Et ut scias ...
vni⁹ hoc nocturne ... e ... vni⁹ hoc
dici de 30 e ... subth⁹ ... e ... vni⁹
ho⁹ noc ... Vel si malues de arcu no
ctium ... residuum ... multip ...
... p12 Et pue⁹ ... vna ho⁹ nocti
vel dici ... Si ... ho⁹ ...
... sua ... volues ... tabulas
... sol e vbe⁹ ... ho⁹
dici illi⁹ Et ... nadir sol ... ho⁹
nocti. Sequitur doctrina trecesima 2ª

Numerus ... ho⁹ dici e nocti ...
arcu dium divide p14 e pue⁹ ... mus
... illi⁹ dici Si ... ad ...
...

Hos ... ad ... reduce ...
... p60 e dide p14 ...
... Si no ad sint ...
... Si no ho⁹ ... reduce ...
... e ...
... inequalibus adiungenda ...

Arcu dici ... abortu sol usq ad ...
... sol ... mediand ...
... ho⁹ ... vbe⁹ Et ...

altitudinis solis punctum p 8 ... ¶ Scias quod altitudo meridiana solis p 20 ... ¶ Item scias quod secundum altitudinis punctum ... altitudinis meridiane ... scias quod secundum ... mediatoris arcus diurni p 27 ... ¶ Et deinde secundum altitudinis punctum ... arcus diurni ... ¶ Et deinde ... altitudinis meridiane ... ¶ Et ... mediatoris arcus dici illius ... invenies ... dici invenias ¶ Si fuerit ... meridie ... addas si fuerit ... meridie ... elevatum ... ab orientem solis usque ... horarum ... dici ... solis ... horas ... ¶ Et si ... p 60 ... ¶ Et si ... horas ... p 17 ... ¶ Et si ad ... p ... ipsius hore

Altitudinem solis ... horam dici ... scias horas ab ortu solis usque ad horam presentem ... si ... fuerint p 17 ... ¶ Si vero ... p ... dici ... si ... dimidio arcus ... dimidio arcus dici ... ¶ Et quod ... p 3 ... arcus ... ¶ Et ... ¶ Et ... altitudinis solis ... meridie ... ¶ Et ... p 2 ... ¶ Item ... arcus altitudinis solis ... ab orizonte si sol ... meridie ... ¶ Si ... meridie ... ¶ Et ... potest ... altitudine solis ... arcus ... ab ortu solis usque ad horam ... ¶ Diurni

Hora ... noctis seu arcum diurnum ... ¶ Horas ... si fuerint ... horarum ... ¶ Si vero ... p ... arcus ... ab ortu solis usque ad horam presentem ... arcum diurnum ... ascensiones ... sol ... ascensio ... usque ad ... p 22 ... ab ... circuli obliqui ... ¶ Si ... arcus diurni ... ab ortu solis usque ad horam presentem ... ascensionibus

... sol ... p ... 360 ... 360 ... ¶ Si ... nocturnas ... noctis seu ... ascensiones ... p ... ¶ Et ... p 20 ... meridie ... ascensiones ... ¶ Si vero ... p 17 ... ¶ Si ... ascensiones ... ascensiones ... ascensiones ... ascensiones ... ¶ ... arcus diurni quod ... p 30 ... arcus diurni ... elevati ab ortu solis usque ad ... p 29 ... ¶ Si vero ... arcus diurni ... noctem ... arcus diurni ... ab ortu solis usque ad ... ascensiones ... ¶ Si vero ... arcus diurni ... nocturno ... elevate ... ab ortu solis ... ascensiones ... ¶ Et ... ¶ Et ...

D ... ascensiones ... [illegible] ... ¶ ... addas ... ascensiones ... [illegible] ... ¶ Et si ... [illegible]

[illegible]

38

[illegible]

39

[illegible]

40

[illegible]

pueniet ex arcu diei stelle q̄ diuide p 12 & habebis
p q̄ hor moram sup terram ab eius ortu usq; ad occ
casum arcum 2 diei stelle sub terra que diuide p 12 & habebis
arcum noctis eiusdem & diuide p 12 & habebis p q̄
hor moram sub terra. Item si stella caecat latitud
ab ecliptica ... inuenire arcum ... diui sunt dispa
les. Item nisi q̄ si uolueris in medio arcum diurni
in noctis stelle ... arcu toto & habebis ...

Arcum diurni eleuationis ab ortu solis usq; ad inue
ntionem ... q̄ uteres ... & ... dū
casum ... domor ... stelle ...
... diei stelle nocte ...
... altitudinis stelle ... ascensionis ...
... inuenire ... altitudinis meridiane stelle nocte
... medietatem ... quare ...
... diei & ...
... stelle ...
... arcum diei stelle ... Item si non ...
... ab ortu ... usq; ad
horizontem ascensionis ... Item nota ...
... & ... nadir solis et stella
... Item si non fuit ... nadir solis
... stelle ... Item si stella
... horizonte obliquo ...
... stella ... Item
... eleuationis ab ortu
stelle usq; ad horizontem ascensionis ... & q̄ pueniet ...
arcus ... eleuationis ab ortu solis usq; ad horizontem
ascensionis ... Item si ... stella ... diuocte
ascensionis ... obliquos ... meridiano ...
... sol ... arcus ...
stella ... & q̄ ... sit arcus
... eleuationis ab ortu stelle usq; ad horizontem
ascensionis ... & q̄ pueniet ... eleuationis ... ele
... ab ortu solis usq; ad horizontem ... ascensionis ...
Item si non uolueris ... hor noctis ... arcus ...
equales ... arcum ... ab ortu solis
usq; ad horizontem noctis ... noctis ...
... p 21 ... & q̄ pueniet erit hora ...
... Item si ... diuide ...
... p 60 & q̄ pueniet diuide ... hor ...
noctis. Et q̄ pueniet ... Item si non ...
... sol ... p 12 ...
... & q̄ pueniet ... Et si ... p ...
... p ... in ...
Item si ... ab ortu stelle

... ascensionis ... stella
... & habebis ... obliquas ... ad
... equales p 29 ... zodiaci ... in circulo ...
... Item si non ... diuicto ...
... non ... 21 ... sufficienter

Gradum zodiaci ... stella ... Item ... diei
... arcum diei stelle q̄ potest ...
arcum diei ... stella ... potest
... p 20 ... & ...
... Item si ... diei stelle ...
... arcum diei ... stella ... ascensionis
... sub terra ...
obliquo ... stella ... Item si
non ... arcum diei stelle fuit ...
... & q̄ ...
pueniet ... zodiaci ... stella
... obliquos ... equales
p 29 ... Item ... zodiaci ... meridiano ...
... stella ... in orizonte obliquo ...

Altitudinis stelle ... meridiane ...
... stelle p 38 ... q̄ si fuit
... addere ... altitudinis meridiane ...
... stella ... p 23 ... Item si ...
... declinatio ... sub terra
... Et q̄ ...
... pueniet ... altitudo stelle meridiana.
Item si ... pueniet ...
... 180 Et q̄ remanet erit altitudo stelle
maxima ... septentrionis ...

Et sic est finis canonum in tabulas
primi mobilis. Incipiunt canones
sup tabulas equacionum quas
... edidit magister Johannes de Lineriis

Priores astrologi motus corporum celestium
diligentissime consideratores obseruatores ...
... alio & alio tempore ... principibus ...
nacionum ...
... Item ...
solares ... Et de solaribus ...
alij ... anno
...
... Item ...
... omnibus ...
...

Nunc ... annorum ...
... nota ...
... Item ... intellige ...
... & ... 2 ... & ...

binum 3m ex 60 3u faciunt binum x ¶ Item pro ca p
adinveniendum annos aliarum ere ad x z i q
ponitur sit z tabule quarum prima ad inveniendum annos
solares bisextiles ¶ 2a ad inveniendum annos sol
ares non bisextiles ¶ 3a ad inveniendum annos lunares
... pars dividitur in 3 partiales tabulas prima est de annis col
lectis 2a de annis expansis 3a de mensibus ¶ Prima
que est de annis expansis ... prima est de annis
expansis ... est bisextilis secunda de annis expansis
... est bisextilis Et 3a de annis expansis ...
est bisextilis ¶ 3a dicta ista tabula quae est de mensibus
dividitur in 3 partiales tabulas ¶ Prima est de mensibus ...
... ¶ 2a est de mensibus ... ab
octobri 3a est de mensibus ... Et ...

[illegible]

7º

a facilius qui non inveniquam sol et facilius arum inij vni non addere quod unum ab aº subtilius

Ad querendum tempore volueris radicem medium motum et aliorum predictorum in 1ª computatione. Fac primo ad minus quod per illam pro minori labore perveniatur et cum annis habebatur. Et melius est ut 1ª radix computetur in principio primi anni perfecti seu videlicet a die circumcisionis dicti ... accipiat sine ... principium ianuarii. Computa[illegible] medium motum solis et aª quam in pre[illegible] capitulo ponuntur in toto tempore quod est inter principium annorum Christi. Et deinde adde bis radicem tuam factam predicte que omnia iuncta adde cum radicibus suis singulis. Et habebis radicem ad principium anni propositi quam radicem scribe ad partem et cum ista facilius usque ad ... annos poteris radicem computare in principio eius anni. Et primum modum quem sumi radicem omnium ... per

8º

[illegible]

9º

[illegible]

10º

[illegible]

... et cum ... sit inter ... tuuis vel pendentis et annis usque sextum quod supra est proxime minimus. Si ad valentiam sunt differentia cum ... diversitate et cum ... mense et quod invenies ... ges quod ... adsum ... Si autem ... sit diverse ... cum ... et cum ... scorsum ... fac ut ... Si autem volueris ... primo ... secundum ... aliquid adde ... quod ... opere et quod invenies 2ª ... Si non volueris invenire ... secundum ... que maior ... dixi ... sunt ... et ... fac ut prius. Doctrina ii

Motum augis ... planete ... Scias quod motum augium ... computa modo quo posui ... accessus et recessus et quomodo ... Cum adhuc habundi duabus indigemus ... medii motus accessus et recessus ... motus ... et ... motus

[illegible]

[illegible]

Tredecima

[illegible]

Decima sexta

[illegible]

quencendo similiter in lineis numeri Et in proportionibus in duo vnctam coniugatum presse non Et vide utrumque numerum proportionalia sunt atque in parte de costeque angustia et hec non Sed numeri cum ar° ceto a quin eius duco in colummis de distantia dyametri cum binis in alcius longitudinem Et a de ceteris argumenti et vniversis presse sibe cudo per primi sunt numeri ut docere minus Et accipies in distantia dyametri de longitudine longioris si fuit numeri proportionalia atque in parte de costeque Si non fuit atque in parte angustia accipies de longitudine proportionis Et quia distantia atque parte proportionis 2 proportionis numeri proportionem sed quod parte proportionis adde ceteris argumenti si fuit distantis dyametri atque de longitudine proportionis Si non longioris eadem parte numeri ab ceteris argumenti et habes ceteris argumenti coaequatum sed quod sibe adda parte ceterum fuit numeri sigillatim ut sibe minima si fuit plus Et circa hoc ceteris ceteris et ceteris argumenti sed si sit minimis sibe addas adde eas sit et totum sibe addas numero minuti plane Et si sit binum sibe addas numero numeri minima inter eas sit et totum numeri minime numeri minima Si autem sit binum sibe addas et sit a minima dimiti hoc a ad Et si sit a septem sunt addas hoc binum adde numero minuti plane Et si sit a septem fuit minima numeri residuum minime a septem fuit minima numero plane Et quod proportionem angustiam ut dimittetur hoc numero binum et quod parte Sequitur Decima octava

Vero locum in coniuncti invenire Fiat cum quo dato 6 et 3 signis et gradibus et bene Excepto quod in accipiendo distantia dyametri cum binis respectiva cyclum numeri proportionalibus si sit minimi proportionis septentrionalis addas de bes distantie dyametri accipe de longitudine proportionis Et si sibe minima de distantie dyametri proportionis Et si sibe minima de distantie dyametri accipe de longitudine longioris a omnibus aliis accipe de longitudine longioris et omnibus alius fiat ut in precedenti dictum est 19

Vero plane si sit satis diversus a vero vero plane quod sit Et accipias argumentum centri argumenti cum illius plane quod bolimis habe parte sibe Deinde tene ceteros minuti tabulas a quibus presse sibe et cetera plane et satis parte quod de eius diversitate vbenis coniunctis parte non quod si minimi diversitas summatis in minuta satis 2 quod sibe habes sibe Deinde si ar° eius eius de plane fuit ante satis in sine signorum gradibus minuti se plane satis satis plus si non fuit plus plane satis si gradus minuta satis est in vero signis et si fuit ante satis satis et minuti plane Et si pla fuit vero gradibus bolimis vbenis

quod dies cursus in ante abducio regulariter sine satis cum minima de eis ar° ceto numeri et quem in vera maiori sit sede primo in illis plane una die more per vel signis Et quod exigit et numeris dicere abducio vero de signorum dicere quod non maior sit medietate per 2 et collum sede primo argumenti vna cum exibus numeris horum parte Et sic habes quod dies et hoc cursus capitulo regula Si autem que incipiet digi bolimis vsque ar° aequum de eius sat et minime et quem maior sit divide primo ar° in vna die Et si ad residuum medietas per 2 et divide per dies quod sit vbes quod dies et hoc fuit nisi addict Si non fuit diversis et bolimis sicut que regula autem eius centrum ab ista primo minuti et divide ut per habes positum

Detolma sexagesimis gradibus 2 ordinem invenire Hunc tabularum cetera gradus eius dextra sicut bolimis et dextra medico diversam atque per dextra gradibus Si non cum gradus numeri pulle eius 2 quod sit in gradibus et sit habes dextra per gradus et minuti qui sit gradus sine cum quibus menses eam fuit a 0 vsque ad 3 gradus vsque ad 3 sive dextra Et a 3 ascensus Et a 3 signis vsque ad 6 Et a 6 descensus Et a 6 signis vsque ad 9 medietas descensus et a 9 signis usque ad 12 medietas ascendens

Latitudinem hic parte lunae Scies latitudinis vero locum lunae quod de non locum hic numeri ultime proportionem capitis vero locum hic adde Et habebis ar° latitudinis hic eam et hoc minuti tabula parte latitudinis hic medietas et latitudinem hic medietas illa proportionis sine quod latitudo hic est a 0 ascensus Si fuit ar° centrum a 0 signis et 3 signis vsque ad 3 earum et sit ut dicto in parte vero sanctum

Rursus cetera centrum et ar° centrum per 9 10 et quod habes presse sibe Deinde cetera ceto centri 10 gradus adde et ante vnis centro 20 gradus numeri Et cetera plurimi centrum si eis ediget Et cum eo quod inveniet hoc numeri eam latitudinis superioris et angustia per 6 gradus medietas Et quod medietas eius vbenis deinde proportionibus accipe Deinde cum ar° bo parte situatio numeri eius de hoc numeri et quod medietas vbenis de latitudine plane numero vel medietas sine Si cum fuit centrum punctum plus cum sine additio si quod habes a 0 signis vsque ad 6 vel a 2 vsque ad 60 in parte sive inferiori parte vel in medietatem tabule sine si in inferiori parte tabule atque latitudinis septentrionalis quod distantia ceteri Si autem per dato centrum fuit quod de 60 vsque ad 20 sive existit medietas atque deinde sive medietas latitudinis medietas et distantia medietas Circa atque de latitudine parte proportionis 2 proportionis numeri proportionalibus addas primo Et illud quod inveniet cum tabula sit parte in quod vbeneris

[illegible]

27

[illegible]

27ᵘ

[illegible] si cam dimi[illegible] [illegible]

Prima con[iunctio] sol[is] et lune media ianuarii [illegible] anno volueris [illegible]

[illegible] annis [illegible] dies [illegible] Ianuarii [illegible] cum predicte anni [illegible]

Prima oppo[sitio] sol[is] et lune ianuarii [illegible] anno volueris [illegible] dies [illegible] medianis dies [illegible] lunaris [illegible] sol[is] vel lune mediam //

Quando volueris [illegible] ianuarii [illegible] oppo[sitio] [illegible]

dici illius mensis tunc est alia coniunctio in illo mense. Si non mensis fuerit 30 dierum et inveniatur coniunctio mensis in horis 14 [illegible] per residuum post subtractionem unius lunationis [illegible] 30 diebus tunc erit alia coniunctio in illo mense [illegible] finis [illegible] si inveniatur in mense 30 dierum [illegible] fine [illegible] dici mensis illius [illegible]

[illegible]

[illegible] Item si anno [illegible] in [illegible] mensis [illegible] solis invenire et quando [illegible] coniunctionis [illegible] oppositionis [illegible] medium motum solis et lune vel solis et nadyr lune [illegible]

[illegible]

vel coniunctionis vel oppositionis [illegible] illa que est in [illegible]
[illegible] mediis in directo [illegible] in tabula [illegible]
[illegible] queras et aliquid inveneris in tabula [illegible]
in directo [illegible] invenies [illegible] vel invenies
que [illegible] inventum [illegible] illa
[illegible] minus [illegible] sunt due [illegible]
Scias [illegible] accipe solum dies [illegible]
aggregatos cum horis et minutis [illegible] in directo [illegible]
[illegible] omnia adde [illegible] illius anni [illegible] diebus
[illegible] Et cum uno die [illegible] pervenit in tabula dierum
anni [illegible] Et facies [illegible] vel
oppositionis [illegible] vel [illegible] medie [illegible] si fuerit illa
[illegible] accipe [illegible] motus [illegible] et ar[gumentum]
[illegible] adde [illegible] prout dicit illius
anni [illegible] Si non fuerit [illegible]
[illegible] medie [illegible] cum [illegible]
[illegible] accipe [illegible] medium motum [illegible] medium
[illegible] adde [illegible]
[illegible] radici [illegible] anni [illegible] Et [illegible] dies co-
pletos aggregatos [illegible]
illa [illegible] vel [illegible] si [illegible]
[illegible] dies completos [illegible]
accipe medie [illegible] vel oppositionis [illegible] horas
[illegible] motum [illegible] solis [illegible] ar[gumentum] [illegible]
[illegible] adiudicavimus [illegible]
[illegible] si anni [illegible] fuerit non bisextilis. Si non fuerit
bisextilis illa [illegible] oppositionis [illegible] dici [illegible]
Scias [illegible] dies [illegible] cum diebus
aggregatis [illegible] dierum aggregatorum [illegible]
[illegible] dierum illorum [illegible] vel [illegible]
[illegible] vel vide in directo [illegible] dici [illegible] invenies
dies illos [illegible] aggregatos [illegible]
[illegible] pacis [illegible] eclipsis solis et
lune [illegible] possibilis [illegible]

M[edium] motum solis et lune [illegible] ar[gumentum] lune [illegible]
[illegible] cum horis [illegible] anni [illegible]
[illegible] oppositionis [illegible]
Scias [illegible] illius anni [illegible] Et cum uno
[illegible] motus [illegible] lune
[illegible] lune [illegible] Et [illegible]
[illegible] invenies accipe [illegible] sub radice illius anni
non [illegible] sub [illegible] motum [illegible] solis
motum solis [illegible] motum lune [illegible] lune
[illegible] Deinde adde [illegible] doctrina [illegible]
[illegible] habebis [illegible]

V[erum] locum solis et lune [illegible] coniunctionis
et oppositionis invenies. Scias [illegible] solis [illegible]
[illegible] solis et [illegible]
[illegible] habebis verum locum solis et

[illegible] lune et habebis [illegible] lune [illegible]
[illegible] lune et in directo [illegible] lune
Si [illegible] non fuerint [illegible] Si non [illegible]
[illegible] et [illegible] Deinde [illegible] equatione [illegible]
[illegible] lune [illegible] si fuerit [illegible]
plus 6 signis vel [illegible] si fuerit [illegible] verum
locum lune [illegible] oppositionis. Si non
[illegible] equationem [illegible] lune [illegible]
non [illegible] verum [illegible] equatio [illegible] nulla
[illegible] accipe [illegible] tali [illegible]
[illegible] nulla sunt. Si non [illegible] potes [illegible] si [illegible]
equatione solis [illegible] lune [illegible] partem [illegible]
equationem solis et lune [illegible] oppositionis
[illegible] cum ar[gumento] solis Et in directo [illegible]
solis si [illegible] ar[gumento] non fuerint [illegible] Si non cum ar[gumento] fuerint
[illegible] equationem [illegible] adde [illegible]
motum si fuerit ar[gumentum] plus 6 signis vel [illegible] si fuerit
[illegible] habebis verum locum solis et lune [illegible]

T[ertio] solis et lune [illegible] lune in [illegible] Scias
verum locum solis et lune [illegible] oppositionis
[illegible] dierum [illegible] verum locum [illegible]
verum locum [illegible] Et [illegible]
[illegible] eiusdem totum [illegible] Et [illegible]
[illegible] fuerit [illegible] medie [illegible] invenies [illegible]
[illegible] verum locum [illegible] si fuerit longitudo solis [illegible] si sol
[illegible] fuerit [illegible] vel [illegible] si fuerit longitudo [illegible]
[illegible] fuerit [illegible] ar[gumentum] [illegible] invenies [illegible]
lune [illegible] hora [illegible] Deinde [illegible] ar[gumentum]
solis [illegible] motus [illegible] solis et lune [illegible] hora
[illegible] si [illegible] potes [illegible]
et [illegible] in directo [illegible] solis [illegible] accipe
[illegible] solis [illegible] hora [illegible] cum [illegible]
lune cum suo [illegible] Si [illegible]
potes [illegible] Et [illegible] in directo [illegible]
[illegible] lune [illegible] hora accipe. Si [illegible]
[illegible] non invenies [illegible]
[illegible] et accipe [illegible] in directo. Deinde [illegible]
[illegible] accipe [illegible] in directo
Deinde accipe [illegible]
accipe [illegible]
[illegible] adde [illegible]
[illegible] adde [illegible] si fuerit [illegible] vel [illegible]
[illegible] si fuerit [illegible] Deinde [illegible]
solis et lune [illegible] motus [illegible] lune [illegible]
hora et in directo [illegible] invenies [illegible]
lune [illegible] hora [illegible] si fuerit [illegible]
a omnibus signis et [illegible] ad [illegible] signum [illegible]
[illegible] si fuerit [illegible] Si non [illegible]
fuerit [illegible] adde [illegible] lune
[illegible] hora et habebis [illegible] lune [illegible]

horarum [illegible] mediante vero hora vere coniunctionis
[illegible] coniunctionis et oppositionis solis et lune vere.
[U]t scias tempus medie coniunctionis per 24 vel per 21 [illegible]
volueris quod [illegible] tempus medie oppositionis per 26 [illegible]
vel 21 [illegible] si volueris oppositionem. Scias verum locum solis
et verum locum lune hora medie coniunctionis si volueris tempus
vere coniunctionis. Si non volueris tempus vere oppositionis scias
[illegible] verum locum [illegible] Et si verus locus
lune sit in eodem gradu et minuto [illegible] 2o [illegible] cum vero loco
solis tunc coniunctio vera et media fuerint in eodem tempore. Et si
locus verus lune sit in eodem gradu et minuto [illegible] 2o [illegible] nadir
solis tunc oppositio vera et media sunt in eodem tempore. Si
vero non fuerint in eodem loco tunc scias longitudinem [illegible]
[illegible] longitudinem inter solem et lunam [illegible]
longitudo [illegible] sol si sol precesserit lunam [illegible] si verus locus
solis sit [illegible] loco lune. Si non sit [illegible] longitudo
[illegible] lune. Scias autem longitudinem inter solem et lunam
[illegible] Deinde
scias motum solis in una hora et motum lune [illegible]
in una hora [illegible] subtrahe motum solis in una
hora de motu lune in una hora et residuum [illegible] superatio
[illegible] reducta ad [illegible] divide longitudinem inter
solem et lunam reductam [illegible] quod exit
hore et residuum si fuerit residuum [illegible]
[illegible] superatio [illegible] minuta hore et
habebis horas et minuta hore [illegible] media [illegible]
Si non longitudo inter solem et lunam fuerit [illegible]
quod non possit dividi per superationem tunc in horas multiplica
longitudinem illam reductam ad [illegible] et divide per superationem
reductam [illegible] et quod provenit erunt minuta hore
[illegible] hore et minuta [illegible]
[illegible] adde horis medie coniunctionis vel oppositionis si longitudo
fuerit solis si vero longitudo fuerit lune minue et habebis
[illegible] tempus vere coniunctionis [illegible] oppositionis
[illegible] si [illegible] adde [illegible]
[illegible] longitudinem inter
solem et lunam [illegible] quod [illegible]
[illegible] divide [illegible] motum lune in una hora
[illegible] motum [illegible] sub [illegible]
et [illegible] et minuta [illegible]
coniunctionis [illegible] oppositionis solis et lune
vel inter coniunctionem [illegible] solis et nadir lune et coniunctionem
veram solis et nadir lune [illegible] ad
[illegible] Deinde horas veri loci
solis adde [illegible] longitudinis [illegible] inter solem et lunam
[illegible] verum locum solis et longitudinem [illegible] verum
locum lune hora medie coniunctionis seu medie oppositionis
[illegible] si longitudo fuerit solis vel [illegible] si lon-
gitudo fuerit lune et habebis locum solis et lune hora
vere coniunctionis seu oppositionis. [illegible]

[illegible] habebis [illegible] coniunctionis et oppositionis [illegible]
diebus [illegible] Si non volueris eos equare
[illegible] equationis dierum cum [illegible] solis [illegible]
dierum [illegible] accipe [illegible]
[illegible] horarum [illegible] hoc [illegible]
[illegible] minuta [illegible] hoc et [illegible]
[illegible] adde [illegible] horis
[illegible] horarum [illegible] die et horis
vere coniunctionis vel oppositionis solis et lune diebus equatis
[illegible] Si non velles hic [illegible]
[illegible] videre [illegible]
[illegible] scias [illegible] horas et minuta horarum
[illegible] Et si illa civitas sit
[illegible] adde [illegible] horas et minuta [illegible] horas
et minuta [illegible] vere coniunctionis [illegible] Si non fuerit
[illegible] subtrahe [illegible] habebis horas vere coniunctionis vel
oppositionis [illegible] illa civitate [illegible]
vere coniunctionis [illegible] volueris [illegible]
hora [illegible] coniunctionis et oppositionis [illegible] medie [illegible] motum
solis et medium motum lune [illegible]
lune medium [illegible] coniunctionis et oppositionis dicte [illegible]
[illegible] Deinde verifices verum locum solis [illegible]
et [illegible] Deinde verifices verum locum lune [illegible]
si verus locus solis et lune vel verus locus solis et nadir
lune [illegible] et minutis [illegible] Si non
[illegible] scias [illegible] discordiam [illegible] operacionem
[illegible] et invenies horam [illegible]
coniunctionis [illegible] addas cum [illegible] equatione dierum

[E]clipsim solis et lune [illegible] anno volueris possibilem
[illegible] medie coniunctionis [illegible]
illo anno [illegible] per 27 [illegible] Deinde que
medie [illegible] motum [illegible] latitudinis [illegible] tempus [illegible]
per 4 vel per 8 [illegible] predicta [illegible]
et eodem [illegible] oppositionis [illegible] et [illegible]
motum [illegible] latitudinis [illegible]
[illegible] Deinde si volueris [illegible] possibilitatem eclipsis
solis [illegible] latitudinis ad tempus medie coniunctionis [illegible]
[illegible] 12 [illegible] illorum
adde motum [illegible] latitudinis [illegible]
[illegible] addas motum [illegible] latitudinis
[illegible] tempus [illegible]
latitudinis ad [illegible] mensis [illegible]
[illegible] latitudinis ad [illegible] tabula
medie coniunctionis et oppositionis [illegible]
[illegible] latitudinis [illegible] signa et
gradus [illegible] ad 12 [illegible] 18 [illegible] ad
6 signa et [illegible] illo mense possibilis eclipsis
solis. Si non [illegible] scias [illegible]
[illegible] declinatione
[illegible] eclipsim lune si [illegible]

augm[enta]ti latitudinis in prima oppo[siti]o[n]e ar[gumen]ti latitudinis
cum h[ab]uis usq[ue] ad v[.] min[uta] scilicet quo[d] inveni[tur] ar[gumen]ti latitudinis
a[.] o i[n] signis et g[radibus] usq[ue] ad 12 g[radus] et a[.] 7 signis
et 18 g[radibus] usq[ue] ad 6 [illegible] et 12 g[radus] et iterum ab ii signis
et 18 g[radibus] usq[ue] ad 12 [illegible] scias q[uod] in illo mense possi[bile]

D[iversi]tates aspectus lune i[n] longitudine [illegible] eclipsis lune
et latitu[dinis] [illegible] [illegible] no[n] [illegible] tabulis
quibus [illegible] diversitatis aspectus lune i[n] longitudine et
latitu[dine] [illegible] luna [illegible] i[n] auge deferentis et
i[n] auge epicicli [illegible] signa [illegible]
[illegible] diversitatis aspectus [illegible] diversitatis aspectus
lune [illegible]
[illegible] i[n] medio celi [illegible] p[er] [illegible]
et diversitatis aspectus lune [illegible] accipimus
no[n] [illegible] accipimus [illegible] operatione
[illegible] non obstantibus [illegible]

[illegible]

et accipe [illegible] parte proportionale [illegible] minutorum longitudinis [illegible] proporti[onale]
minuto[rum] [illegible] adde [illegible] adde parte proportionale [illegible]
longitudinis [illegible] accipe si fuerit [illegible] minuta si fuerit
[illegible] accipe [illegible] accipe parte proportionale [illegible]
minuto[rum] latitudinis et fac [illegible] latitudinis [illegible] accipe
[illegible] minuto[rum] longitudinis [illegible] diversitatis aspectus
[illegible] si fuerit i[n]
[illegible] signo [illegible] fuerit [illegible]
[illegible] longitudinis [illegible] signo [illegible]
[illegible] tabulis [illegible] si tabulis
[illegible] diversitatis aspectus [illegible] latitudine
[illegible] signo [illegible]
[illegible] accipias [illegible] longitudinis et latitudinis
[illegible]

[illegible]

[illegible]

[illegible]

[illegible] tūc residuū est [illegible] pte [illegible] mi. Si autē illa pars hore fuit [illegible] pte hore fuit [illegible] min. [illegible] pte [illegible] melius poteris vero integrū nō fugas. Si nō longitudo huic [illegible] plus quo [illegible] fuit [illegible] dimidio illa eadē q̄ minuebas superaddas .i. nō tamē addas [illegible] horā integram. Et si post hoc ut [illegible] hore [illegible] indistincte loci tue [illegible] per 2am diuisionis aspectus [illegible] fuit [illegible] pte [illegible] hore [illegible] pleta [illegible] partem hore superaddas. Et si fuit [illegible] plus [illegible] hore [illegible] adde minus [illegible] pte hore [illegible] nō compleas. [illegible]

[illegible]

[illegible]

[illegible]

eclipsabitur sol. Deinde minutis casus adde 12 et 30 secunda [illegible]
partem et quod inde fuerit collatum divide per motum lune
verum in una hora acceptum per argumentum latitudinis. Hoc est in
hora medie eclipsis et quod provenerit erunt hore. Deinde si ad
finem residuum multiplica per 60 et divide iterum per motum
verum in una hora et quod provenerit minuta [illegible] hore
erunt scilicet hore que provenient a principio eclipsis usque
ad medium et tantum usque ad finem. Has igitur horas cum
suis minutis subtrahe ab hora medie eclipsis et remanebunt hore principii eclipsis. Postea subtrahe minuta
casus cum sua 12a de arcu latitudinis [illegible] adinvento
eclipsis a vero loco lune et habebis argumentum latitudinis
a loco lune ad initium eclipsis et si easdem horas cum
suis [illegible] addideris horis medie eclipsis habebis
horas finis eclipsis. Similiter adde minuta casus cum sua
12a super locum lune et sic argumentum latitudinis lune
[illegible] habebis locum lune et argumentum latitudinis
lune ad finem eclipsis. Et hec omnia fiunt quia habet
principia quibus [illegible] scire horas principii et finis
eclipsis [illegible] horas [illegible]
principii eclipsis [illegible] finis [illegible]
[illegible] distantie [illegible] in tabula [illegible]

Dyametrum solis et lune dyametrum umbre [illegible]
[illegible] sol equatam in una hora [illegible] dyametrum
solis [illegible] reducit ad [illegible]
[illegible]
[illegible] dyametrum solis
[illegible] dyametrum lune [illegible]
motum eius in una hora [illegible]
[illegible]
[illegible]
[illegible]
[illegible] sol sit in auge [illegible]
[illegible] in auge [illegible]
[illegible] solis in una hora [illegible]
[illegible] in auge. Deinde subtrahe [illegible]
[illegible] motum [illegible] auge [illegible]
[illegible]
[illegible] dyametri
[illegible] dyametrum umbre equate.

Figura eclipsis solis depingere [illegible] lineam rectam
[illegible] divide per partes equales [illegible]
[illegible] equalem [illegible] dyametrorum

[illegible] solis et lune [illegible] linea
[illegible] dyameter [illegible] solis et lune sit
[illegible] in hora eclipsis medie [illegible] circulum [illegible]
[illegible] dyametrorum [illegible]
[illegible] ad [illegible] Deinde
accipias [illegible] linea [illegible] dyameter solis
[illegible] circuli [illegible]
[illegible] Deinde accipias [illegible] linea [illegible]
latitudinis lune [illegible] eclipsis [illegible]
[illegible] ad principium medie et fine [illegible] latitudinis lune
[illegible] eclipsis [illegible]
[illegible]
[illegible] latitudinis [illegible]
[illegible] dyameter [illegible]
[illegible] dyameter [illegible] eclipsis signum [illegible]
[illegible] dyameter [illegible] signo [illegible]
eclipsis versus occidentem [illegible] nobis [illegible]
[illegible] Deinde accipias
de linea divisa [illegible] dyameter [illegible]
[illegible] circulum [illegible]
[illegible] circuli [illegible]
[illegible] eclipsis [illegible] circulum [illegible]
[illegible] circuli [illegible] linee [illegible]
[illegible] circuli [illegible] eclipsis
[illegible]
lune [illegible] visibilis [illegible]
[illegible] de sole [illegible]
[illegible] de sole [illegible]
[illegible] circuli [illegible] dyameter [illegible]
[illegible] dyametro solis lune [illegible]
a. b. c. d. sit [illegible] a [illegible]
d. [illegible] dyameter a. c. b. d.
Deinde [illegible] circuli solaris [illegible]
[illegible] eclipsis
[illegible] dyameter b. d. [illegible] latitudinis [illegible]
[illegible] eclipsis [illegible] latitudinis [illegible] eclipsis
[illegible] dyameter [illegible] in
dyameter eclipsis [illegible]
[illegible] a. c. [illegible]
[illegible] p. q. Deinde [illegible] circulo
[illegible] circulus lune [illegible] eclipsis [illegible]
[illegible] circuli [illegible]
[illegible] circuli
solis [illegible] circuli [illegible]
[illegible] latitudinis lune [illegible] medie eclipsis sit
[illegible] circuli solaris [illegible]
[illegible] f. g. h. k. [illegible]
sit [illegible] h. et finis [illegible] medium
[illegible] linea [illegible]
[illegible] eclipsis [illegible] ad finem eius

[illegible]

[illegible]

[illegible] eius esset plenitudinis et complementi [illegible] etas [illegible] a xxv anno usque [illegible] [illegible] et [illegible] media [illegible] et [illegible] et [illegible] corporis et collum [illegible] forte et pectus magnum et amplum et debet esse [illegible] et [illegible] carnis et [illegible] et media [illegible] et pinguedinis [illegible] mamillas [illegible] mamillas et magnas [illegible] et [illegible] et [illegible] magnitudinis [illegible] laxe et molles et [illegible] in [illegible] et [illegible] mamillarum [illegible] debent [illegible] nimis [illegible] compressione [illegible] [illegible] parte [illegible] debet esse [illegible] et [illegible] et [illegible] cum [illegible] lactis complete [illegible] [illegible] cum [illegible] et [illegible] non debet esse [illegible] cum lactis [illegible] [illegible] et qualitatem [illegible] et [illegible] et [illegible] et [illegible] et est subtile et non est [illegible] et [illegible] et [illegible] cum [illegible] in lacte laudabili [illegible] quantitas lactis debet esse sufficiens [illegible] debet [illegible] color [illegible] in lacte debet [illegible] [illegible] color [illegible] nutrix non debet [illegible] et [illegible] [illegible] est [illegible] lac [illegible] partus [illegible] et [illegible] et [illegible] nutrix sit [illegible] debet [illegible] in [illegible] [illegible] nutrix sit [illegible] [illegible] debet esse [illegible] nutrix [illegible] et [illegible] [illegible] et [illegible] et [illegible]

Et [illegible] cum [illegible] et [illegible] et [illegible] et [illegible] et [illegible] [illegible] et [illegible] in [illegible] lactis [illegible] mamillis [illegible] et [illegible] et mamille [illegible] et [illegible] [illegible] et [illegible] et [illegible] lacte et [illegible] et [illegible] in mamillis [illegible] [illegible] mamillarum [illegible] [illegible] et [illegible] et [illegible] et [illegible] in [illegible] [illegible] et [illegible] et [illegible] nutrix [illegible] [illegible] lacte [illegible] [illegible] que est [illegible]

[illegible]

Et [illegible] noctis [illegible]
[illegible] Avicenna [illegible]
[illegible]

[illegible]

[illegible] valet ad lac[illegible] et [illegible] valet ad idem [illegible] valet [illegible] et zizania, et valet [illegible] mamille [illegible] et lac [illegible] mamillas [illegible]

[illegible]

Nota hunc sequentem vide il. iiii folio

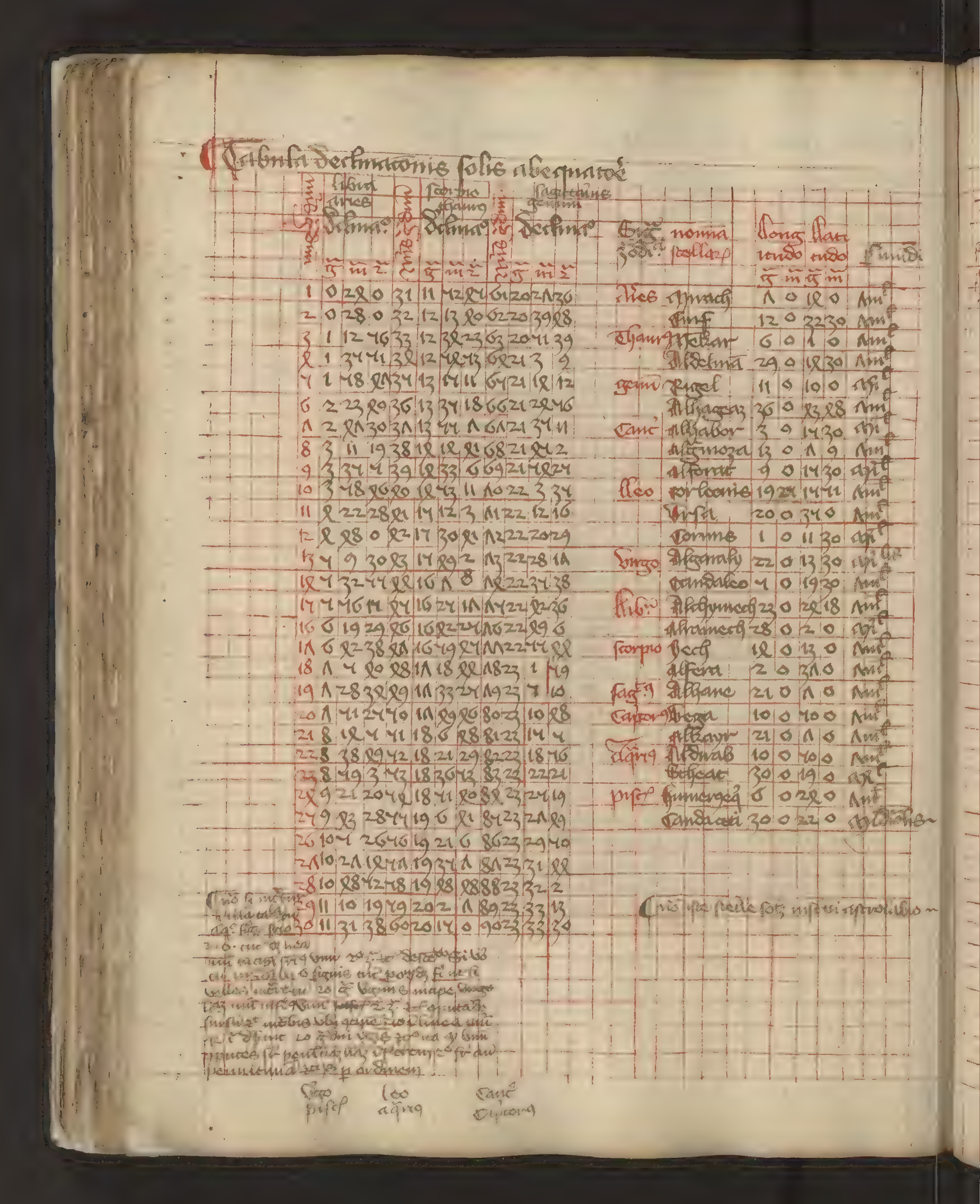
Vngari [illegible]
[illegible]
[illegible]

Tabula semidiametrorum solis et lune et umbre et proporcionum ad eclipses

Linee numeri		Semid. diamet. solis			Semidyametri lune			Semid. diameter umbre			Variatio umbre			Motus solis in hora			Motus lune in hora		
g	g	m	2	3	m	2	3	m	2	3	m	2	3	m	2	3	m	2	3
0	360	15	40	30	14	30	5	37	42	13	0	0	0	2	22	30	29	37	13
6	354	15	40	48	14	31	7	37	44	54	0	0	15	2	22	33	29	39	19
12	348	15	41	3	14	32	29	37	48	27	0	0	25	2	22	35	29	42	6
18	342	15	41	23	14	34	32	37	53	47	0	0	40	2	22	38	29	46	17
24	336	15	43	15	14	37	16	38	0	54	0	2	5	2	22	55	29	51	51
30	330	15	45	27	14	41	1	38	10	39	0	3	45	2	23	15	29	59	31
36	324	15	47	52	14	45	27	38	22	10	0	5	35	2	23	37	30	8	34
42	318	15	48	37	14	50	54	38	36	20	0	6	10	2	23	44	30	19	43
48	312	15	51	10	14	57	2	38	52	17	0	8	5	2	24	7	30	32	15
54	306	15	54	8	15	4	12	39	10	55	0	10	20	2	24	34	30	46	53
60	300	15	57	53	15	12	3	39	31	20	0	13	10	2	25	8	31	2	55
66	294	16	1	57	15	19	53	39	51	42	0	16	15	2	25	43	31	18	55
72	288	16	4	55	15	29	17	40	16	8	0	18	30	2	26	12	31	37	45
78	282	16	7	53	15	38	39	40	40	29	0	20	45	2	26	39	31	57	15
84	276	16	10	58	15	48	12	41	5	19	0	23	5	2	27	7	32	16	45
90	270	16	15	16	15	59	28	41	34	37	0	26	20	2	27	46	32	39	45
96	264	16	19	53	16	13	33	42	11	14	0	29	50	2	28	28	33	8	31
102	258	16	22	38	16	24	21	42	39	19	0	31	55	2	28	53	33	30	36
108	252	16	25	36	16	33	34	43	3	16	0	34	10	2	29	20	33	40	25
114	246	16	31	32	16	43	48	43	29	53	0	38	40	2	29	14	34	10	19
120	240	16	35	4	16	56	5	44	1	49	0	41	20	2	30	46	34	35	24
126	234	16	39	8	17	7	20	44	31	4	0	44	25	2	31	23	34	58	23
132	228	16	40	47	17	17	13	44	56	46	0	45	40	2	31	38	35	18	35
138	222	16	44	51	17	27	7	45	22	30	0	48	25	2	32	15	35	38	47
144	216	16	45	17	17	36	20	45	46	28	0	[illegible]	35	2	32	25	35	47	36
150	210	16	50	1	17	44	10	46	6	58	0	52	40	2	33	2	36	13	37
156	204	16	50	34	17	51	20	46	25	28	0	53	5	2	33	7	36	28	15
162	198	16	50	47	17	56	7	46	37	54	0	53	15	2	33	9	36	38	0
168	192	16	53	13	18	0	12	46	48	31	0	55	5	2	33	31	36	46	22
174	186	16	53	19	18	3	34	46	57	16	0	55	10	2	33	32	36	53	15
180	180	16	54	12	18	6	20	47	4	28	0	55	50	2	33	40	36	58	54

Tabula sinus							Tabula sinus							Tabula sinus						
Arcus arcui pertinens dimidium				corde medie			Arcus arcui pertinens gradum				corde medie			Arcus arcui pertinens gradum				corde medie		
g	m	g	m	g	m	2	g	m	g	m	g	m	2	g	m	g	m	g	m	2
0	30	179	30	0	31	24	15	30	164	30	16	2	3	30	30	149	30	30	27	8
1	0	179	0	1	2	50	16	0	164	0	16	32	18	31	0	149	0	30	54	8
1	30	178	30	1	34	14	16	30	163	30	17	2	27	31	30	148	30	31	21	0
2	0	178	0	2	5	38	17	0	163	0	17	32	33	32	0	148	0	31	47	43
2	30	177	30	2	37	2	17	30	162	30	18	2	32	32	30	147	30	32	14	17
3	0	177	0	3	8	24	18	0	162	0	18	32	28	33	0	147	0	32	40	42
3	30	176	30	3	39	47	18	30	161	30	19	2	18	33	30	146	30	33	6	48
4	0	176	0	4	11	7	19	0	161	0	19	32	2	34	0	146	0	33	33	5
4	30	175	30	4	42	28	19	30	160	30	20	1	42	34	30	145	30	33	59	4
5	0	175	0	5	13	46	20	0	160	0	20	31	16	35	0	145	0	34	24	52
5	30	174	30	5	45	2	20	30	159	30	21	0	45	35	30	144	30	34	50	32
6	0	174	0	6	16	20	21	0	159	0	21	30	7	36	0	144	0	35	16	2
6	30	173	30	6	47	2	21	30	158	30	21	59	24	36	30	143	30	35	40	32
7	0	173	0	7	18	4	22	0	158	0	22	28	35	37	0	143	0	36	6	32
7	30	172	30	7	49	53	22	30	157	30	22	57	39	37	30	142	30	36	31	32
8	0	172	0	8	21	1	23	0	157	0	23	26	38	38	0	142	0	36	56	32
8	30	171	30	8	52	7	23	30	156	30	23	55	30	38	30	141	30	37	21	3
9	0	171	0	9	53	10	24	0	156	0	24	24	15	39	0	141	0	37	45	33
9	30	170	30	9	54	10	24	30	155	30	24	52	48	39	30	140	30	38	9	54
10	0	170	0	10	24	8	25	0	155	0	25	21	25	40	0	140	0	38	34	2
10	30	169	30	10	56	3	25	30	154	30	25	49	40	40	30	139	30	38	58	1
11	0	169	0	11	26	54	26	0	154	0	26	17	8	41	0	139	0	39	21	49
11	30	168	30	11	57	43	26	30	153	30	26	46	19	41	30	138	30	39	45	26
12	0	168	0	12	28	29	27	0	153	0	27	14	22	42	0	138	0	40	8	51
12	30	167	30	12	59	11	27	30	152	30	27	42	18	42	30	137	30	40	32	7
13	0	167	0	13	29	46	28	0	152	0	28	10	6	43	0	137	0	40	55	12
13	30	166	30	14	0	24	28	30	151	30	28	37	46	43	30	136	30	41	18	4
14	0	166	0	14	30	45	29	0	151	0	29	5	19	44	0	136	0	41	40	46
14	30	165	30	15	1	22	29	30	150	30	29	32	43	44	30	135	30	42	3	16
15	0	165	0	15	31	45	30	0	150	0	30	0	0	45	0	135	0	42	25	35

Tabula sinus							Tabula sinus							Tabula sinus						
arcus argumenti per dimidium gradum				corde medietatis			arcus argumenti per dimidium gradum				corde medietatis			arcus argumenti per dimidium gradum				corde medietatis		
g	m	g	m	g	m	2	g	m	g	m	g	m	2	g	m	g	m	g	m	2
45	30	134	30	42	47	42	60	30	119	30	52	13	17	75	30	104	30	58	5	40
46	0	134	0	43	9	27	61	0	119	0	52	28	28	76	0	104	0	58	13	4
46	30	133	30	43	31	24	61	30	118	30	52	43	45	76	30	103	30	58	20	32
47	0	133	0	43	52	52	62	0	118	0	52	58	37	77	0	103	0	58	27	44
47	30	132	30	44	14	12	62	30	117	30	53	13	14	77	30	102	30	58	34	40
48	0	132	0	44	35	19	63	0	117	0	53	27	37	78	0	102	0	58	41	21
48	30	131	30	44	56	18	63	30	116	30	53	41	47	78	30	101	30	58	47	44
49	0	131	0	45	16	57	64	0	116	0	53	55	40	79	0	101	0	58	53	51
49	30	130	30	45	37	27	64	30	115	30	54	9	18	79	30	100	30	58	59	9
50	0	130	0	45	57	46	65	0	115	0	54	22	42	80	0	100	0	59	5	18
50	30	129	30	46	17	50	65	30	114	30	54	35	51	80	30	99	30	59	10	38
51	0	129	0	46	37	43	66	0	114	0	54	48	46	81	0	99	0	59	12	40
51	30	128	30	46	57	23	66	30	113	30	55	1	24	81	30	98	30	59	20	27
52	0	128	0	47	16	50	67	0	113	0	55	13	49	82	0	98	0	59	24	58
52	30	127	30	47	37	4	67	30	112	30	55	25	58	82	30	97	30	59	29	12
53	0	127	0	47	55	5	68	0	112	0	55	37	52	83	0	97	0	59	33	13
53	30	126	30	48	13	53	68	30	111	30	55	49	30	83	30	96	30	59	36	51
54	0	126	0	48	32	28	69	0	111	0	56	0	53	84	0	96	0	59	40	16
54	30	125	30	48	50	49	69	30	110	30	56	12	1	84	30	95	30	59	42	25
55	0	125	0	49	8	57	70	0	110	0	56	22	54	85	0	95	0	59	46	18
55	30	124	30	49	26	51	70	30	109	30	56	33	30	85	30	94	30	59	48	54
56	0	124	0	49	44	31	71	0	109	0	56	43	52	86	0	94	0	59	51	14
56	30	123	30	50	1	59	71	30	108	30	56	53	58	86	30	93	30	59	53	17
57	0	123	0	50	19	13	72	0	108	0	57	3	49	87	0	93	0	59	55	4
57	30	122	30	50	36	12	72	30	107	30	57	12	23	87	30	92	30	59	56	34
58	0	122	0	50	52	58	73	0	107	0	57	22	41	88	0	92	0	59	57	49
58	30	121	30	51	9	31	73	30	106	30	57	31	45	88	30	91	30	59	58	49
59	0	121	0	51	25	48	74	0	106	0	57	40	31	89	0	91	0	59	59	37
59	30	120	30	51	41	52	74	30	105	30	57	49	4	89	30	90	30	59	59	52
60	0	120	0	51	59	42	75	0	105	0	57	57	20	90	0	90	0	60	0	0



Tabula declinationis solis adequatoris

Gradus	Libra / Aries Declinatio g	m	s	Gradus	Scorpio / Taurus Declinatio g	m	s	Gradus	Sagittarius / Geminis Declinatio g	m	s
1	0	24	0	31	11	52	45	61	20	27	36
2	0	48	0	32	12	13	40	62	20	39	48
3	1	12	56	33	12	34	23	63	20	51	39
4	1	35	51	34	12	54	53	64	21	3	9
5	1	58	47	35	13	15	11	65	21	14	12
6	2	23	49	36	13	35	18	66	21	24	56
7	2	47	30	37	13	55	7	67	21	35	11
8	3	11	19	38	14	14	41	68	21	44	2
9	3	35	5	39	14	33	6	69	21	54	25
10	3	58	46	40	14	53	11	70	22	3	35
11	4	22	28	41	15	12	3	71	22	12	16
12	4	48	0	42	15	30	41	72	22	20	29
13	5	9	30	43	15	49	2	73	22	28	17
14	5	32	55	44	16	7	8	74	22	35	38
15	5	56	15	45	16	25	17	75	22	42	26
16	6	19	29	46	16	42	25	76	22	49	6
17	6	42	38	47	16	59	45	77	22	55	44
18	7	5	40	48	17	18	44	78	23	1	59
19	7	28	34	49	17	33	25	79	23	7	10
20	7	51	25	50	17	49	46	80	23	10	48
21	8	14	5	51	18	6	48	81	23	14	5
22	8	38	49	52	18	21	29	82	23	18	46
23	8	59	3	53	18	36	53	83	23	22	21
24	9	21	20	54	18	51	40	84	23	25	19
25	9	43	28	55	19	6	41	85	23	27	49
26	10	5	26	56	19	21	6	86	23	29	50
27	10	27	47	57	19	35	7	87	23	31	44
28	10	48	42	58	19	48	48	88	23	32	2
29	11	10	19	59	20	2	7	89	23	33	13
30	11	31	38	60	20	17	0	90	23	33	30

Signa zodiaci	nomina stellarum	Longitudo g	m	Latitudo g	m	[illegible]
Aries	Anrach	7	0	4	0	Am
	Enif	12	0	22	30	Am
Thaurus	Alkar	6	0	1	0	Am
	Aldebaran	29	0	4	30	Am
Geminis	Rigel	11	0	10	0	Api
	Alhagez	26	0	13	48	Am
Cancer	Alhabor	3	0	14	30	Api
	Algomeza	13	0	7	9	Am
	Alforte	9	0	14	30	Api
Leo	Cor leonis	19	[illegible]	14	51	Am
	Virsa	20	0	35	0	Am
	Cornus	1	0	11	30	Api
Virgo	Algorab	22	0	13	30	Api
	Samalcho	5	0	19	30	Am
Libra	Alchimech	23	0	24	18	Am
	Alramech	28	0	2	0	Api
Scorpio	Yeth	14	0	13	0	Am
	Alfeca	2	0	37	0	Am
Sagittarius	Althaire	21	0	7	0	Am
Capricornus	Vega	10	0	50	0	Am
	Altayr	21	0	7	0	Am
Aquarius	Alidwab	10	0	50	0	Am
	Bethcar	30	0	19	0	Api
Pisces	Sumergena	6	0	24	0	Am
	Cauda ceti	30	0	22	0	[illegible]

Virgo / pisces — Leo / aquarius — Cancer / capricornus

Tabula umbre

Altitudo	Versa pc	m	Altitudo	Versa pc	m	Altitudo	Umbra pc	m
1	687	26	31	19	58	61	6	30
2	343	39	32	19	12	62	6	23
3	30	28	33	18	29	63	6	7
4	171	42	34	17	47	64	5	51
5	137	10	35	17	8	65	5	36
6	114	10	36	16	30	66	5	12
7	97	44	37	15	55	67	5	6
8	89	28	38	15	21	68	4	51
9	75	26	39	14	49	69	4	36
10	68	3	40	14	18	70	4	22
11	61	44	41	13	48	71	4	8
12	56	27	42	13	20	72	3	53
13	51	59	43	12	52	73	3	40
14	48	8	44	12	26	74	3	26
15	44	46	45	12	0	75	3	13
16	41	51	46	11	35	76	3	0
17	39	15	47	11	11	77	2	46
18	38	54	48	10	48	78	2	33
19	34	51	49	10	46	79	2	20
20	32	58	50	10	4	80	2	7
21	31	19	51	9	23	81	1	54
22	29	42	52	9	22	82	1	41
23	28	16	53	9	3	83	1	28
24	26	57	54	8	43	84	1	16
25	25	44	55	8	24	85	1	3
26	24	38	56	8	6	86	0	50
27	23	33	57	7	46	87	0	38
28	22	34	58	7	30	88	0	25
29	21	40	59	7	13	89	0	13
30	20	47	60	6	56	90	0	0

Tabula diversitatis dierum ascensionum

Gradus	Portiones arietis et piscium g	m	2	Gradus	Portiones thauri et aquarii g	m	2	Gradus	Portiones geminorum et capricorni et aquarii g	m	2
1	0	2	5	31	1	3	7	61	1	51	44
2	0	4	10	32	1	5	2	62	1	52	48
3	0	6	15	33	1	6	55	63	1	54	10
4	0	8	20	34	1	8	47	64	1	55	21
5	0	10	25	35	1	10	38	65	1	56	31
6	0	12	30	36	1	12	30	66	1	57	33
7	0	14	35	37	1	14	22	67	1	58	34
8	0	16	40	38	1	16	10	68	1	59	33
9	0	18	44	39	1	17	57	69	2	0	33
10	0	20	48	40	1	19	42	70	2	1	30
11	0	22	52	41	1	21	26	71	2	2	14
12	0	24	55	42	1	23	8	72	2	3	14
13	0	26	58	43	1	24	50	73	2	4	1
14	0	29	2	44	1	26	32	74	2	4	47
15	0	31	5	45	1	28	12	75	2	5	33
16	0	33	8	46	1	29	51	76	2	6	10
17	0	35	11	47	1	31	26	77	2	6	44
18	0	37	14	48	1	33	7	78	2	7	18
19	0	39	17	49	1	34	45	79	2	7	52
20	0	41	20	50	1	38	3	80	2	8	26
21	0	43	20	51	1	37	55	81	2	8	49
22	0	45	19	52	1	39	26	82	2	9	12
23	0	47	18	53	1	40	58	83	2	9	34
24	0	49	17	54	1	42	29	84	2	9	52
25	0	51	16	55	1	44	0	85	2	10	7
26	0	53	15	56	1	45	31	86	2	10	22
27	0	55	15	57	1	46	56	87	2	10	34
28	0	57	14	58	1	48	15	88	2	10	42
29	0	59	13	59	1	49	28	89	2	10	46
30	1	1	11	60	1	50	35	90	2	10	50

[illegible]

Tabula ascensionum signorum in circulo recto

Gradus	Capricornus g	m	Aquarius g	m	Pisces g	m	Aries g	m	Taurus g	m	Gemini g	m
	ascensio		ascensio		ascensio		ascensio		ascensio		ascensio	
1	1	6	33	14	63	4	90	55	118	50	148	50
2	2	11	34	17	64	1	91	50	119	48	149	53
3	3	16	35	19	64	58	92	44	120	46	150	56
4	4	22	36	21	65	55	93	40	121	44	151	59
5	5	28	37	23	66	52	94	35	122	42	153	2
6	6	33	38	24	67	48	95	30	123	40	154	5
7	7	38	39	26	68	44	96	24	124	38	155	9
8	8	43	40	27	69	41	97	20	125	36	156	13
9	9	48	41	28	70	37	98	16	126	34	157	17
10	10	53	42	29	71	32	99	11	127	34	158	21
11	11	58	43	29	72	29	100	6	128	33	159	25
12	13	3	44	30	73	25	101	1	129	32	160	29
13	14	8	45	30	74	21	101	57	130	31	161	33
14	15	13	46	30	75	17	102	52	131	30	162	37
15	16	18	47	30	76	12	103	47	132	30	163	42
16	17	23	48	30	77	8	104	43	133	30	164	47
17	18	27	49	29	78	3	104	39	134	30	165	52
18	19	31	50	28	78	59	106	35	135	30	166	57
19	20	35	51	27	79	54	107	31	136	31	168	2
20	21	39	52	26	80	49	108	29	137	31	169	7
21	22	43	53	24	81	44	109	23	138	32	170	12
22	23	47	54	24	82	40	110	19	139	33	171	17
23	24	51	55	22	83	35	111	15	140	34	172	22
24	25	55	56	20	84	30	112	12	141	36	173	27
25	26	58	57	19	85	25	113	8	142	37	174	33
26	28	1	58	17	86	20	114	5	143	39	175	38
27	29	4	59	14	87	15	115	2	144	41	176	43
28	30	7	60	12	88	10	115	59	145	43	177	49
29	31	10	61	10	89	5	116	56	146	44	178	54
30	32	13	62	7	90	0	117	53	147	57	180	0

[illegible]	[illegible]	pt	m
6	186	0	6
12	192	0	12
18	198	0	17
24	204	0	22
3	210	0	27
36	216	0	32
42	222	0	37
48	228	0	41
54	234	0	45
60	240	0	48
66	247	0	5
74	254	0	53
82	262	0	54
90	270	0	55
98	278	0	54
106	286	0	53
113	293	0	51
120	300	0	48
126	306	0	45
132	312	0	41
138	318	0	37
144	324	0	32
150	330	0	27
156	336	0	22
162	342	0	17
168	348	0	11
174	354	0	6
		0	0
		0	0
180	360	0	0

Tabula augmentacionis equacionis [illegible] superfluum [illegible]
[illegible] equacionum

Tabula ascensionum signorum in circulo recto

Intra cum numero ascensionum datis gradus equalis et eis correspondent ... multiplica differentiam inter ascensionem minorem in presenti tabula et ascensionem positam per 60 et productum divide per differentiam inter ascensionem minorem et maiorem in presenti tabula et prebit propositum

Cancer G ascensio	m	Leo G ascensio	m	Virgo G ascensio	m	Libra G ascensio	m	Scorpio G ascensio	m	Sagittarius G ascensio	m	gradus
181	6	213	15	243	4	270	55	298	50	328	50	1
182	11	214	17	244	1	271	50	299	48	329	53	2
183	17	215	19	244	58	272	45	300	46	330	56	3
184	22	216	21	245	55	273	40	301	44	331	59	4
185	28	217	23	246	52	274	35	302	42	333	2	5
186	33	218	24	247	48	275	30	303	40	334	5	6
187	38	219	26	248	45	276	25	304	38	335	9	7
188	43	220	27	249	41	277	20	305	36	336	13	8
189	48	221	28	250	37	278	16	306	35	337	17	9
190	53	222	29	251	33	279	11	307	34	338	21	10
191	58	223	29	252	29	280	6	308	33	339	24	11
193	3	224	29	253	25	281	0	309	32	340	25	12
194	8	225	30	254	21	281	57	310	31	341	33	13
195	13	226	30	255	17	282	52	311	30	342	37	14
196	18	227	30	256	12	283	48	312	30	343	42	15
197	23	228	30	257	8	284	43	313	30	344	47	16
198	27	229	29	258	3	285	37	314	30	345	52	17
199	31	230	28	258	59	286	35	315	30	346	57	18
200	35	231	27	259	54	287	31	316	31	348	2	19
201	39	232	26	260	49	288	27	317	31	349	7	20
202	43	233	25	261	44	289	23	318	33	350	12	21
203	47	234	24	262	40	290	19	319	33	351	17	22
204	51	235	22	263	35	291	15	320	34	352	22	23
205	53	236	20	264	30	292	12	321	36	353	27	24
206	58	237	18	265	25	293	8	322	38	354	32	25
208	1	238	16	266	20	294	5	323	39	355	38	26
209	4	239	14	267	15	295	2	324	41	356	41	27
210	7	240	12	268	10	295	59	325	43	357	49	28
211	10	241	10	269	5	296	56	326	45	358	54	29
212	14	242	7	270	0	297	53	327	47	360	0	30

Intra primum zodiaci ascensionem invenire multiplica differentiam inter ascensionem minorem et minutos primi gradus zodiaci et divide per 60 et prebit propositum

Intra cum minutis zodiaci ascensionem invenire multiplica differentiam inter ascensionem minorem et maiorem in presenti tabula per minuta gradus zodiaci et divide per 60 et quotiens adde super minorem ascensionem vel subtrahe si oportet etc.

Ascensiones septimi climatis cuius latitudo est 48 graduum

Numerus graduum equalium	Aries				Taurus				Gemini				Cancer				Leo				Virgo			
	ascensiones		partes horarum		ascensiones		partes horarum		ascensiones		partes horarum		ascensiones		partes horarum		ascensiones		partes horarum		ascensiones		partes horarum	
g	g	m	g	m	g	m	g	m	g	m	g	m	g	m	g	m	g	m	g	m	g	m	g	m
1	0	28	15	4	15	6	17	17	34	0	19	11	61	41	19	54	99	7	19	2	140	16	17	8
2	0	57	15	8	15	39	17	21	34	46	19	13	62	49	19	54	100	28	18	58	141	40	17	4
3	1	26	15	13	16	12	17	25	35	32	19	17	63	58	19	53	101	48	18	55	143	3	17	0
4	1	54	15	17	16	45	17	29	36	18	19	19	65	7	19	53	103	9	18	52	144	27	16	55
5	2	13	15	22	17	18	17	33	37	4	19	19	66	16	19	52	104	30	18	49	145	49	16	51
6	2	50	15	26	17	52	17	37	37	53	19	21	67	26	19	52	105	52	18	45	147	33	16	47
7	3	18	15	31	18	27	17	41	38	42	19	23	68	26	19	51	107	14	18	42	148	54	16	42
8	3	45	15	36	19	2	17	45	39	32	19	26	69	47	19	50	108	36	18	39	150	16	16	38
9	4	12	15	40	19	36	17	49	40	20	19	28	70	57	19	49	109	58	18	35	151	38	16	33
10	4	40	15	45	20	11	17	53	41	9	19	31	72	8	19	48	111	20	18	32	153	1	16	28
11	5	8	15	50	20	46	17	57	42	2	19	33	73	22	19	46	112	42	18	28	154	24	16	24
12	5	37	15	54	21	21	18	1	42	55	19	35	74	35	19	45	114	5	18	24	155	46	16	20
13	6	6	15	59	21	56	18	5	43	48	19	37	75	48	19	44	115	29	18	20	157	9	16	16
14	6	33	16	3	22	32	18	9	44	41	19	39	77	1	19	42	116	49	18	16	158	32	16	11
15	7	2	16	7	23	6	18	13	45	34	19	41	78	18	19	40	118	11	18	13	159	54	16	6
16	7	31	16	11	23	44	18	16	46	31	19	42	79	20	19	30	119	35	18	9	160	15	16	2
17	8	0	16	16	24	24	18	20	47	28	19	44	80	45	19	37	120	59	18	5	162	37	15	58
18	8	29	16	20	25	2	18	24	48	25	19	45	82	1	19	34	122	23	18	1	163	59	15	54
19	8	59	16	24	25	44	18	28	49	21	19	46	83	17	19	33	123	47	17	57	164	20	15	50
20	9	28	16	29	26	18	18	32	50	18	19	48	84	33	19	31	125	11	17	53	166	43	15	45
21	9	58	16	33	26	58	18	35	51	17	19	49	85	52	19	29	126	33	17	49	167	5	15	40
22	10	28	16	38	27	38	18	39	52	17	19	50	87	10	19	26	127	54	17	45	169	28	15	36
23	10	58	16	43	28	18	18	42	53	16	19	51	88	29	19	23	129	13	17	41	170	51	15	31
24	11	29	16	47	28	58	18	45	54	16	19	52	89	48	19	21	130	37	17	37	171	13	15	26
25	11	50	16	51	29	38	18	49	55	17	19	52	91	6	19	19	131	58	17	33	173	37	15	22
26	12	30	16	55	30	21	18	52	56	18	19	53	92	26	19	13	133	21	17	29	174	56	15	17
27	13	1	17	0	31	4	18	56	57	22	19	53	93	46	19	13	134	44	17	25	175	17	15	14
28	13	32	17	4	31	47	18	59	58	25	19	54	95	6	19	11	136	7	17	21	177	17	15	9
29	14	3	17	8	32	31	19	2	59	28	19	54	96	26	19	8	137	30	17	17	178	39	15	4
30	14	33	17	13	33	14	19	5	60	32	19	54	97	47	19	5	138	53	17	13	180	0	15	0

Ascensiones septimi climatis cuius latitudo est 48 graduum

gradus	Libra ascensiones		partes horarum		Scorpio ascensiones		partes horarum		Sagittarius ascensiones		partes horarum		Capricornus ascensiones		partes horarum		Aquarius ascensiones		partes horarum		Pisces ascensiones		partes horarum	
g	g	m	g	m	g	m	g	m	g	m	g	m	g	m	g	m	g	m	g	m	g	m	g	m
1	181	21	14	58	222	30	12	43	263	34	10	53	300	32	10	6	327	29	10	58	345	57	12	52
2	182	43	14	51	223	53	12	39	264	54	10	49	301	35	10	6	328	13	11	2	346	28	13	56
3	184	4	14	47	224	16	12	34	266	14	10	47	302	38	10	7	328	56	11	5	340	59	13	0
4	185	25	14	49	226	39	12	31	267	34	10	44	303	42	10	7	329	39	11	8	347	30	13	5
5	186	47	14	39	228	2	12	27	268	54	10	41	304	45	10	8	330	22	11	12	348	1	13	9
6	188	9	14	34	229	23	12	23	270	12	10	39	305	44	10	8	331	2	11	15	348	31	13	13
7	189	32	14	29	230	45	12	19	271	31	10	37	306	44	10	9	331	42	11	18	349	2	13	18
8	190	55	14	24	232	6	12	15	272	50	10	34	307	43	10	10	332	22	11	21	349	32	13	22
9	192	17	14	20	233	27	12	11	274	8	10	32	308	43	10	11	332	2	11	24	349	2	13	27
10	193	40	14	15	234	49	12	7	275	27	10	29	309	42	10	12	333	42	11	28	350	32	13	31
11	195	1	14	10	236	13	12	3	276	43	10	27	310	39	10	13	334	20	11	32	351	1	13	36
12	196	23	14	6	237	37	11	59	277	59	10	25	311	35	10	15	334	58	11	36	351	31	13	40
13	197	45	14	2	239	1	11	55	279	14	10	23	312	31	10	16	335	37	11	40	352	0	13	44
14	199	6	13	58	240	25	11	51	280	30	10	21	313	29	10	18	336	15	11	44	352	29	13	49
15	200	28	13	53	241	49	11	47	281	46	10	19	314	20	10	19	336	59	11	47	352	18	13	53
16	201	51	13	49	243	11	11	44	282	59	10	18	315	19	10	21	337	24	11	51	353	27	13	58
17	203	14	13	44	244	35	11	40	284	12	10	16	316	12	10	23	338	3	11	55	353	55	14	2
18	204	36	13	40	245	45	11	36	285	25	10	15	317	5	10	25	338	39	11	59	354	23	14	6
19	205	59	13	36	247	18	11	33	286	39	10	14	317	58	10	27	339	14	11	3	354	52	14	10
20	207	22	13	32	248	40	11	29	287	52	10	12	318	51	10	29	339	49	12	7	355	22	14	12
21	208	44	13	27	240	2	11	25	289	3	10	11	319	40	10	32	330	24	12	11	355	48	14	20
22	210	5	13	22	251	2	11	21	290	13	10	10	320	29	10	34	340	58	12	12	356	15	14	24
23	211	27	13	18	252	24	11	18	291	32	10	9	321	18	10	37	341	33	12	19	356	42	14	29
24	212	49	13	13	253	40	11	12	292	34	10	8	322	7	10	39	342	8	12	23	357	10	14	34
25	214	11	13	9	255	8	11	11	293	55	10	8	322	56	10	41	342	42	12	27	357	37	14	39
26	214	14	13	5	256	30	11	8	294	53	10	7	323	42	10	44	343	17	12	31	358	6	14	43
27	216	57	13	0	257	51	11	5	296	2	10	7	324	28	10	47	343	48	12	35	358	34	14	47
28	218	20	13	56	259	12	11	2	297	11	10	6	325	14	10	49	344	21	12	39	359	3	14	51
29	219	44	13	52	260	53	10	58	298	19	10	6	326	0	10	52	344	53	12	43	359	32	14	56
30	222	7	13	47	262	14	10	55	299	28	10	6	326	46	10	55	345	27	12	47	360	0	15	0

Tabula equationis dierum cum noctibus suis

[illegible]

Gradus	Equatio dierum capricorni		Equatio dierum aquarii		Equatio dierum piscium		Equatio dierum arietis		Equatio dierum thauri		Equatio dierum geminorum		Equatio dierum cancri		Equatio dierum leonis		Equatio dierum virginis		Equatio dierum libre		Equatio dierum scorpionis		Equatio dierum sagittarii	
G	G	m	G	m	G	m	G	m	G	m	G	m	G	m	G	m	G	m	G	m	G	m	G	m
1	3	46	0	38	0	9	2	7	4	33	5	19	4	4	2	51	3	43	6	5	7	53	7	5
2	3	37	0	34	0	11	2	12	4	36	5	17	4	1	2	50	3	47	6	10	7	54	7	0
3	3	29	0	31	0	13	2	17	4	39	5	15	3	57	2	50	3	51	6	14	7	54	6	55
4	3	22	0	27	0	14	2	22	4	43	5	14	3	54	2	50	3	55	6	20	7	55	6	50
5	3	14	0	23	0	18	2	27	4	46	5	3	3	50	2	49	3	59	6	24	7	55	6	45
6	3	7	0	21	0	21	2	33	4	49	5	12	3	47	2	50	4	4	6	30	7	56	6	40
7	2	0	0	19	0	23	2	38	4	53	5	10	3	44	2	51	4	8	6	34	7	56	6	34
8	2	55	0	16	0	26	2	42	4	56	5	8	3	41	2	51	4	12	6	40	7	57	6	28
9	2	45	0	14	0	30	2	48	4	58	5	6	3	38	2	52	4	17	6	44	7	57	6	22
10	2	38	0	12	0	33	2	53	5	1	5	4	3	35	2	52	4	22	6	48	7	56	6	16
11	2	31	0	10	0	37	2	59	5	3	5	1	3	32	2	54	4	26	6	53	7	56	6	10
12	2	24	0	8	0	40	3	4	5	6	4	59	3	28	2	56	4	31	6	57	7	55	6	4
13	2	17	0	6	0	44	3	9	5	9	4	57	3	25	2	58	4	36	7	1	7	55	5	58
14	2	10	0	4	0	48	3	17	5	10	4	55	3	22	2	58	4	40	7	5	7	54	5	52
15	2	3	0	3	0	52	3	21	5	12	4	52	3	19	3	0	4	46	7	8	7	53	5	45
16	1	57	0	2	0	56	3	27	5	14	4	49	3	16	3	12	4	50	7	12	7	51	5	38
17	1	51	0	1	1	1	3	31	5	15	4	46	3	13	3	5	4	56	7	16	7	50	5	30
18	1	45	0	0	1	5	3	36	5	17	4	43	3	[illegible]	3	7	5	1	7	20	7	48	5	23
19	1	[illegible]	0	0	1	9	3	40	5	18	4	40	3	9	3	9	5	6	7	[illegible]	7	46	5	16
20	1	33	0	0	1	14	3	45	5	19	4	37	3	7	3	11	5	11	7	26	7	44	5	9
21	1	27	0	0	1	19	3	50	5	19	4	34	3	5	3	14	5	16	7	29	7	41	5	2
22	1	22	0	0	1	23	3	55	5	20	4	31	3	3	3	17	5	20	7	32	7	38	4	55
23	1	16	0	0	1	28	4	0	5	20	4	28	3	1	3	20	5	24	7	34	7	36	4	48
24	1	10	0	0	1	33	4	4	5	20	4	24	2	59	3	23	5	30	7	38	7	32	4	40
25	1	5	0	0	1	37	4	9	5	21	4	22	2	57	3	26	5	34	7	41	7	28	4	32
26	1	1	0	1	1	42	4	13	5	21	4	19	2	56	3	29	5	40	7	43	7	25	4	24
27	0	57	0	2	1	47	4	17	5	21	4	16	2	55	3	31	5	45	7	45	7	21	4	17
28	0	52	0	3	1	52	4	21	5	20	4	13	2	54	3	32	5	50	7	47	7	17	4	9
29	0	47	0	4	1	57	4	25	5	20	4	10	2	53	3	34	5	55	7	49	7	14	4	2
30	0	42	0	6	2	2	4	29	5	20	4	7	2	52	3	37	6	0	7	51	7	10	3	54

[illegible]

Tabula latitudinis planetarum

Linee numeri (signa)	Linee numeri (gradus)	Latitudo Saturni: Effigio nombrijdi g	m	Effigio medi g	m	Latitudo Iovis: Effigio acois g	m	Effigio medi g	m	Latitudo Martis: Effigio acois g	m	Effigio medi g	m	Latitudo Veneris: Declinatio g	m	Reflexio g	m	Latitudo Mercurii: Declinatio g	m	Reflexio g	m	Minuta proportionalia m	2	3
6	354	2	4	2	2	1	7	1	7	0	7	0	3	1	2	0	8	1	45	0	11	59	36	4
12	348	2	5	2	3	1	8	1	6	0	9	0	4	1	2	0	16	1	44	0	12	58	36	10
18	342	2	6	2	4	1	8	1	6	0	11	0	5	1	0	0	24	1	43	0	33	57	0	16
24	336	2	7	2	4	1	9	1	7	0	13	0	6	0	59	0	33	1	40	0	44	54	36	24
30	330	2	8	2	5	1	10	1	8	0	14	0	7	0	58	0	45	1	36	0	55	52	0	26
36	324	2	10	2	7	1	11	1	9	0	16	0	9	0	55	0	49	1	30	1	6	48	24	36
42	318	2	11	2	8	1	12	1	10	0	18	0	12	0	51	0	57	1	24	1	17	44	24	40
48	312	2	12	2	10	1	13	1	11	0	21	0	15	0	46	1	5	1	16	1	27	40	0	44
54	300	2	14	2	13	1	14	1	13	0	24	0	18	0	41	1	13	1	8	1	35	35	12	46
60	300	2	16	2	15	1	16	1	16	0	29	0	22	0	30	1	20	0	59	1	44	30	0	52
66	294	2	18	2	18	1	18	1	18	0	32	0	26	0	29	1	28	0	49	2	52	24	24	16
72	288	2	20	2	21	1	21	1	21	0	36	0	30	0	33	1	37	0	38	2	0	18	24	60
78	282	2	24	2	24	1	24	1	24	0	41	0	30	0	16	1	43	0	26	2	7	12	24	60
84	276	2	26	2	27	1	27	1	27	0	46	0	32	0	8	1	50	0	16	2	14	6	24	60
90	270	2	30	2	30	1	30	1	30	0	50	0	[illegible]	0	0	1	57	0	0	2	20	0	0	0

Linee numeri (signa)	Linee numeri (gradus)	Latitudo Saturni: Effigio acois g	m	Effigio medi g	m	Latitudo Iovis: Effigio nomis g	m	Effigio medi g	m	Latitudo Martis: Effigio nomis g	m	Effigio medi g	m	Latitudo Veneris: Declinatio g	m	Reflexio g	m	Latitudo Mercurii: Declinatio g	m	Reflexio g	m	Minuta proportionalia m	2
96	264	2	34	2	33	1	33	1	33	0	49	0	46	0	10	2	3	0	14	2	25	6	34
102	258	2	36	2	30	1	30	1	36	1	6	1	4	0	20	2	9	0	31	2	28	12	24
108	252	2	39	2	39	1	39	1	39	1	14	1	13	0	32	2	14	0	48	2	29	18	24
114	246	2	42	2	42	1	42	1	42	1	23	1	24	0	44	2	20	1	6	2	30	24	24
120	240	2	45	2	45	1	45	1	45	1	24	1	37	0	59	2	25	1	25	2	29	30	0
126	234	2	47	2	48	1	48	1	48	1	47	1	51	1	13	2	28	1	41	2	26	37	12
132	228	2	54	2	51	1	51	1	51	2	1	2	10	1	38	2	30	2	6	2	20	40	0
138	222	2	53	2	54	1	54	1	54	2	16	2	33	1	57	2	30	2	26	2	11	44	24
144	216	2	55	2	55	1	57	1	57	2	34	2	46	2	23	2	18	2	47	2	0	48	24
150	210	2	57	2	58	2	0	2	0	2	55	3	27	3	3	2	23	3	7	1	44	52	0
156	204	2	59	3	0	2	3	2	3	3	16	4	9	3	43	2	12	3	26	1	29	54	30
162	198	3	0	3	2	2	5	2	5	3	33	4	55	4	26	1	55	4	42	1	10	46	0
168	192	3	1	3	3	2	6	2	6	4	0	5	43	5	24	1	27	3	54	0	48	58	30
174	186	3	2	3	4	2	7	2	7	4	14	6	26	6	44	0	48	4	2	0	28	50	30
180	180	3	2	3	5	2	8	2	8	4	21	7	36	7	12	0	0	4	5	0	0	60	0

[illegible]

Tabula diversorum motuum planetarum in una die

Argumentum		Motus saturni diversus in una die				Motus iovis diversus in una die			
		motus proprii		motus portionis		motus proprii		motus portionis	
g	g	m	2	m	2	m	2	m	2
6	354	1	44	5	43	4	32	8	50
12	348	1	45	5	36	4	33	8	22
18	342	1	46	5	24	4	34	8	30
24	336	1	46	5	12	4	36	8	18
30	330	1	47	5	0	4	38	8	7
36	324	1	48	4	46	4	39	7	50
42	318	1	48	4	32	4	41	7	34
48	312	1	49	4	16	4	43	7	24
54	306	1	50	3	50	4	44	6	50
60	300	1	51	3	20	4	46	6	20
66	294	1	52	2	52	4	48	5	41
72	288	1	53	2	22	4	50	5	5
78	282	1	55	1	50	4	53	4	40
84	276	1	56	1	15	4	55	3	34
90	270	1	58	0	36	4	58	2	22
96	264	2	0	0	0	5	0	1	10
102	258	2	1	0	36	5	3	0	0
108	252	2	3	1	20	5	6	1	14
114	246	2	4	2	0	5	10	2	30
120	240	2	6	2	40	5	13	3	44
126	234	2	7	3	10	5	16	5	0
132	228	2	8	3	50	5	19	6	14
138	222	2	9	4	30	5	21	7	24
144	216	2	10	5	0	5	23	8	32
150	210	2	11	5	20	5	24	9	40
156	204	2	12	5	50	5	27	10	40
162	198	2	12	6	14	5	28	11	34
168	192	2	13	6	40	5	29	12	24
174	186	2	14	7	0	5	30	12	50
180	180	2	14	7	14	5	30	13	0

Argumentum		Motus martis diversus in una die				Motus veneris diversus in una die				Motus mercurii diversus in una die				Motus [illegible] in una die	
		motus proprii		motus portionis		motus proprii		motus portionis		motus proprii		motus portionis			
g	g	m	2	m	2	m	2	m	2	m	2	m	2	m	2
6	354	24	43	11	5	57	8	14	30	56	10	51	10	29	0
12	348	24	50	11	0	57	10	14	28	56	14	51	5	29	4
18	342	26	0	10	58	57	13	14	26	56	21	50	48	29	8
24	336	26	14	10	45	57	14	14	23	56	28	50	30	29	13
30	330	26	30	10	42	57	21	14	18	56	36	49	40	29	22
36	324	26	45	10	30	57	27	14	12	56	46	45	0	29	33
42	318	27	0	10	30	57	34	14	4	56	57	47	30	29	46
48	312	27	14	10	24	57	42	14	46	57	28	48	30	30	2
54	306	27	30	10	11	57	40	14	46	57	22	43	0	30	19
60	300	27	40	10	0	58	0	14	30	57	34	40	0	30	37
66	294	28	24	9	48	58	12	14	20	57	46	37	0	30	48
72	288	29	0	9	30	58	34	14	2	58	0	34	0	31	18
78	282	29	40	9	10	58	36	13	40	58	14	31	0	31	[illegible]
84	276	30	20	8	40	58	40	13	10	58	28	28	0	32	3
90	270	31	0	8	24	59	10	12	48	58	44	24	0	32	26
96	264	31	37	7	44	59	20	12	18	59	0	19	0	33	49
102	258	32	10	7	10	59	34	10	30	59	16	12	0	33	17
108	252	32	14	6	20	59	47	10	20	59	34	5	0	34	44
114	246	33	30	5	20	[illegible]	59	8	40	59	42	2	0	34	17
120	240	34	0	4	0	[illegible]	11	7	5	60	10	11	0	34	49
126	234	34	40	2	10	60	23	2	0	60	28	19	0	34	57
132	228	35	34	0	0	60	36	0	0	60	44	34	0	36	44
138	222	36	10	2	18	60	41	5	0	61	0	44	0	36	11
144	216	36	34	7	44	60	44	7	20	61	14	41	0	37	28
150	210	37	0	13	0	60	44	14	10	61	[illegible]	71	0	37	1
156	204	37	20	24	20	61	0	24	50	61	38	83	0	37	19
162	198	37	40	29	30	61	4	42	30	61	44	94	0	37	33
168	192	38	0	39	29	61	9	64	0	61	43	102	0	37	44
174	186	38	20	42	20	61	13	87	0	62	0	108	0	37	[illegible]
180	180	38	40	45	49	61	14	116	0	62	4	112	0	37	40

Tabula retrogradationis planetarum stationum et directionum et motuum in ipsis ...

	porcio eq(ua)ta	
	S G m	
Initium prime stationis saturni	3 28 [illegible]	
	3 24 30	Retrogradationis initium
Retrogradationis finis	8 [illegible] 30	
	8 [illegible] 10	Stationis secunde finis
	porcio eq(ua)ta	
	S G m	
Initium stationis prime Jovis	[illegible]	
	[illegible] 11	Retrogradationis initium
Retrogradationis finis	[illegible] 22 [illegible]	
	[illegible] 24 44	Stationis secunde finis
	porcio eq(ua)ta	
	S G m	
Initium stationis prime martis	4 [illegible] 28	
	4 19 14	Retrogradationis initium
Retrogradationis finis	6 10 [illegible]	
	0 22 32	Stationis secunde finis
	porcio eq(ua)ta	
	S G m	
Initium stationis prime veneris	4 14 41	
	4 18 21	Retrogradationis initium
Retrogradationis finis	6 11 39	
	0 [illegible]	
	porcio eq(ua)ta	
	S G m	
Initium stationis prime mercurii	[illegible]	
	[illegible]	Retrogradationis initium
Retrogradationis finis	[illegible] 2 [illegible]	
	[illegible] 4 18	Stationis secunde finis

Tabula de exitu planetarum sub radiis solis et eorum ingressu

Nomina signorum	Visio Saturni ortus matutinus g	m	Occultatio eius occasus vespertinus g	m	Visio Iovis ortus matutinus g	m	Occultatio eius hora vespertina g	m	Visio Martis ortus matutinus g	m	Occultatio eius occasus vespertinus g	m
Aries	29	28	13	40	19	33	9	28	29	0	14	12
Taurus	26	26	14	7	18	21	9	38	27	11	15	8
Gemini	12	10	15	5	14	15	10	36	22	14	16	7
Cancer	17	18	17	9	11	41	11	44	18	15	18	15
Leo	14	8	19	48	9	44	13	32	6	7	22	14
Virgo	13	8	22	8	9	7	15	23	15	8	27	11
Libra	12	15	22	32	9	0	16	7	14	12	29	0
Scorpio	12	1	21	20	9	7	15	23	15	8	27	11
Sagittarius	13	47	18	35	9	44	13	32	16	7	22	14
Capricornus	16	36	16	36	11	44	11	44	18	15	18	15
Aquarius	21	16	14	40	14	44	10	16	22	4	16	7
Pisces	26	46	14	0	18	11	9	38	27	11	15	8

Tabula divisionis lucis in hora quantitas divisionis lune

Loca solis et lune	S	g	m
1	0	0	0
2	0	0	1
3	0	0	2
4	0	0	3
5	0	0	4
6	0	0	5
7	0	0	6

Visio Veneris et occultatio eius · Visio Mercurii et occultatio eius

Nomina signorum	Veneris ortus vespertinus ab 1 usque 137 g	m	Occasus matutinus a 180 ad 360 g	m	Ortus matutinus a 180 ad 223 g	m	Occasus vespertinus a 228 ad 180 g	m	Mercurii ortus vespertinus ab 1 ad 147 g	m	Occasus matutinus a 209 ad 360 g	m	Ortus matutinus a 180 ad 248 g	m	Occasus vespertinus a 213 ad 180 g	m
Aries	15	31	4	25	3	36	2	27	24	10	12	24	22	43	12	9
Taurus	13	48	4	29	4	9	3	30	21	15	12	18	24	23	12	12
Gemini	10	39	7	38	5	14	8	47	17	10	12	37	22	28	14	44
Cancer	8	38	8	48	10	12	10	44	14	9	14	9	18	48	19	48
Leo	7	5	8	59	17	44	11	30	12	53	16	39	15	8	23	25
Virgo	6	53	10	46	3	40	7	43	12	8	20	23	13	15	26	37
Libra	6	57	11	9	22	27	6	40	12	10	23	50	12	29	25	38
Scorpio	7	11	11	20	15	14	6	17	12	41	23	49	12	10	20	55
Sagittarius	7	56	12	27	7	1	5	12	14	3	20	44	11	16	17	41
Capricornus	9	18	9	18	2	18	2	18	16	19	16	19	[illegible]	17	12	40
Aquarius	12	49	8	30	1	36	1	14	20	15	14	7	14	25	11	32
Pisces	15	20	7	43	2	43	1	31	34	38	12	14	18	22	11	47

Tabula medie coniunctionis solis et lune in annis collectis super meridianum pysensem

Anni collecti	Tempus medie coniunctionis solis et lune				Medius motus solis et lune					Medium argumentum lune				Argumentum latitudinis lune				
	dies	ho	m	2	s	g	m	2	3	s	g	m	2	s	g	m	2	3
1321	28	18	2	9	10	6	21	14	29	10	17	5	20	0	20	38	41	0
1345	3	49	21	6	9	21	56	35	51	1	8	52	13	3	9	6	37	0
1369	8	9	24	15	9	26	38	21	25	4	26	28	6	6	28	14	40	0
1393	12	23	27	21	10	1	20	7	0	8	14	3	59	10	17	22	57	0
1417	17	13	30	26	10	6	1	52	34	0	1	39	52	2	6	31	4	0
1441	22	3	33	32	10	10	43	38	8	3	19	15	45	5	25	39	13	0
1445	26	17	36	38	10	15	25	23	42	7	6	52	38	9	14	47	23	0
1489	1	18	55	41	9	21	0	41	5	9	28	38	30	0	3	15	18	0
1513	6	8	58	46	9	25	42	30	39	1	16	14	23	3	22	23	27	0
1537	10	13	1	52	10	0	24	16	13	5	3	50	16	7	11	31	36	0
1561	15	13	4	58	10	5	6	1	47	8	21	26	9	11	0	39	46	0
1585	20	4	8	4	10	9	47	27	21	0	9	2	2	2	19	47	50	0
1609	24	17	11	9	10	14	29	33	56	3	26	37	55	6	8	53	4	0

Tabula medie oppositionis solis et lune in annis collectis

Anni collecti	Tempus medie oppositionis				Medius motus solis et lune					Medium argumentum lune				Argumentum latitudinis lune				
	dies	ho	m	2	s	g	m	2	3	s	g	m	2	s	g	m	2	3
1321	13	23	40	5	10	1	48	2	23	4	4	10	50	6	5	18	35	0
1345	18	13	43	11	10	6	29	47	57	7	21	46	43	9	24	26	44	0
1369	23	3	46	16	10	11	11	33	31	11	9	22	36	1	13	34	53	0
1399	27	17	47	22	10	15	53	19	2	2	26	58	29	5	2	43	2	0
1417	2	19	8	25	10	21	28	40	28	5	18	45	21	7	21	10	57	0
1441	7	9	11	31	10	26	10	26	2	9	6	21	14	11	10	19	7	0
1465	11	23	14	36	10	0	52	11	36	0	23	57	7	2	29	27	16	0
1489	16	13	17	41	10	5	33	57	11	4	11	33	0	6	18	35	25	0
1513	21	3	20	42	10	10	15	42	45	7	29	8	53	10	7	43	4	0
1537	25	17	23	54	10	14	57	28	19	11	16	44	46	1	26	51	43	0
1561	0	18	42	56	9	20	32	49	42	2	8	31	39	4	15	19	39	0
1585	5	8	46	2	9	25	14	35	16	5	26	7	32	8	4	27	48	0
1609	9	22	49	8	9	29	56	20	50	9	13	43	25	11	22	35	57	0

Tabula mediarum coniunctionis et oppositionis solis et lune ad annos Christi expansos

	Anni Christi expansi	Tempus medie coniunctionis solis et lune				Medius motus solis et lune					Medium argumentum lune				Argumentum latitudinis lune			
		dies	hore	m	2	s	g	m	2	3	s	g	m	2	s	g	m	2
	1	10	15	11	23	11	19	16	50	20	10	9	48	7	0	8	2	45
	2	21	6	22	47	11	8	33	40	39	8	9	30	14	0	16	5	30
B	3	2	8	50	7	11	26	56	55	10	7	25	13	22	1	24	48	29
	4	14	0	1	31	11	16	13	45	30	6	5	1	29	2	2	55	15
	5	24	15	12	54	11	5	30	35	49	4	14	49	36	2	10	54	0
	6	5	17	50	14	11	26	53	50	21	3	20	26	43	3	19	36	59
B	7	16	8	55	38	11	13	10	40	40	2	0	14	50	3	27	39	44
	8	28	0	3	1	11	2	27	31	10	0	10	2	57	4	5	42	29
	9	9	2	30	21	11	20	50	45	31	11	17	40	5	5	14	25	28
	10	19	17	41	45	11	10	7	35	51	9	25	28	12	5	22	28	13
B	11	0	20	9	5	11	28	30	50	22	9	1	5	19	7	1	11	12
	12	12	11	20	29	11	17	47	40	41	7	10	53	26	7	9	13	58
	13	23	2	31	52	11	7	4	31	1	5	20	41	33	7	17	16	43
	14	4	4	59	12	11	24	27	45	22	4	26	18	41	8	25	59	42
B	15	14	20	10	36	11	14	44	35	52	3	6	6	48	9	4	2	27
	16	26	11	21	59	11	4	1	26	11	1	15	54	55	9	12	5	12
	17	7	13	49	20	11	22	29	40	42	0	21	32	2	10	20	48	11
	18	18	5	0	43	11	11	41	31	2	11	1	20	0	11	28	10	57
B	19	28	20	12	6	11	0	58	21	21	9	11	8	16	11	6	53	42
	20	10	22	39	27	11	19	21	35	53	8	16	45	24	0	14	36	41
	21	21	13	50	50	11	8	38	56	12	6	26	33	31	0	22	39	26
	22	22	16	18	10	11	27	11	40	43	6	2	10	38	2	2	22	27
B	23	13	7	29	34	11	16	18	31	3	4	11	58	45	2	10	25	10

Tabula medie coniunctionis et oppositionis solis et lune in mensibus

Menses	Tempus medie coniunctionis				Medius motus solis et lune					Argumentum medium lune				Argumentum latitudinis lune				
	dies	hore	m	2	s	g	m	2	3	s	g	m	2	s	g	m	2	
Januarius	29	12	44	3	0	29	6	24	0	0	25	49	1	1	0	40	14	31
Februarius	59	1	28	6	1	28	12	48	0	1	21	38	1	2	1	20	28	59
Marcius	88	14	12	9	2	27	19	12	0	2	17	27	2	3	2	0	41	90
Aprilis	118	2	56	12	3	26	35	36	0	3	13	16	2	4	2	40	55	120
Mayus	147	15	40	15	4	25	32	0	0	4	9	5	3	5	3	21	9	151
Junius	177	4	24	18	5	24	58	25	0	5	4	54	3	6	4	1	23	181
Julius	206	17	8	21	6	23	44	49	0	6	0	4	4	7	4	41	36	212
Augustus	236	5	51	24	7	22	51	13	0	6	26	3	5	8	5	21	50	243
Septembris	265	18	36	27	8	21	57	37	0	7	22	31	5	9	6	2	4	273
October	295	7	20	31	9	21	4	1	0	8	18	10	6	10	6	42	18	304
Novembris	324	20	4	34	10	20	10	25	0	9	13	49	6	11	7	22	31	334
December	354	8	48	37	11	19	6	50	0	10	9	48	7	0	8	2	[illegible]	365
[illegible]	14	18	22	[illegible]	6	14	33	12	0	6	12	54	30	6	14	20	7	

Tabula equationis et lune et ascendentium motu sol et lune in una hora

Argumentum gradus		Equatio solis (0 signa)			Equatio lune			Motus sol in una hora		Motus lune in una hora		Equatio solis (1)			Equatio lune			Motus sol in una hora		Motus lune in una hora	
G	G	g	m	2a	g	m	2a	m	2a	m	2a	g	m	2a	g	m	2a	m	2a	m	2a
1	29	0	2	10	0	4	46	2	23	30	18	1	4	46	2	21	40	2	24	30	37
2	28	0	4	19	0	9	31	2	23	30	18	1	6	37	2	24	55	2	24	30	38
3	27	0	6	27	0	14	15	2	23	30	18	1	8	28	2	30	5	2	24	30	40
4	26	0	8	36	0	19	0	2	23	30	19	1	10	19	2	34	12	2	24	30	42
5	25	0	10	44	0	23	44	2	23	30	19	1	12	9	2	38	17	2	24	30	43
6	24	0	12	53	0	28	28	2	23	30	19	1	13	58	2	42	21	2	24	30	44
7	23	0	15	2	0	33	11	2	23	30	20	1	17	41	2	46	22	2	24	30	45
8	22	0	17	10	0	37	54	2	23	30	20	1	17	24	2	50	19	2	24	30	46
9	21	0	19	19	0	42	37	2	23	30	20	1	19	6	2	54	14	2	24	30	47
10	20	0	21	28	0	47	19	2	23	30	21	1	20	48	2	58	7	2	24	30	48
11	19	0	23	36	0	52	0	2	23	30	21	1	24	10	3	5	46	2	24	30	50
12	18	0	25	45	0	56	41	2	23	30	21	1	24	10	3	5	46	2	24	30	51
13	17	0	27	53	1	1	20	2	23	30	22	1	25	50	3	9	31	2	24	30	53
14	16	0	30	1	1	5	59	2	23	30	22	1	27	29	3	13	15	2	24	30	54
15	15	0	32	8	1	10	38	2	23	30	23	1	30	40	3	19	26	2	24	30	58
16	14	0	34	16	1	15	15	2	23	30	23	1	30	46	3	10	26	2	24	31	0
17	13	0	36	23	1	19	51	2	23	30	24	1	32	23	3	23	59	2	24	31	0
18	12	0	38	30	1	24	24	2	23	30	24	1	33	59	3	27	30	2	24	31	1
19	11	0	40	37	1	29	0	2	23	30	25	1	35	30	3	34	20	2	24	31	3
20	10	0	42	43	1	33	32	2	23	30	25	1	37	0	3	34	20	2	24	31	5
21	9	0	44	49	1	38	3	2	23	30	26	1	38	30	3	37	40	2	24	31	7
22	8	0	46	55	1	42	33	2	23	30	27	1	39	58	3	40	57	2	24	31	8
23	7	0	48	59	1	46	1	2	23	30	27	1	41	57	3	44	19	2	24	31	10
24	6	0	51	4	1	51	27	2	23	30	28	1	42	54	3	47	20	2	24	31	12
25	5	0	53	4	1	55	52	2	23	30	29	1	44	14	3	50	26	2	24	31	14
26	4	0	55	2	2	0	17	2	23	30	31	1	45	34	3	53	29	2	24	31	16
27	3	0	57	1	2	4	37	2	24	30	32	1	46	53	3	56	30	2	24	31	18
28	2	0	58	59	2	8	57	2	24	30	33	1	48	10	3	59	26	2	24	31	20
29	1	1	0	57	2	13	14	2	24	30	35	1	49	28	4	2	17	2	24	31	22
30	0	1	2	54	2	17	29	2	24	30	36	1	50	44	4	5	4	2	24	31	24

11 signa — 10 signa

Aries — [illegible]

Cum pro presenti tabula [illegible] ascendentium [illegible] signorum quibus [illegible] ascendentes [illegible] anno [illegible] ... quibus descendunt [illegible] signa [illegible] ... Et [illegible] 22 · 16 [illegible] signum [illegible] ... Ubi [illegible] 24 g 30 m [illegible] signo [illegible] ... [illegible] 24 [illegible] equatio [illegible]

Tabula equacionis solis et lune et ad sciendum motum solis et lune in una hora

Numerus graduum		Equacio solis			Equacio lune			Minute vere solis in una hora		Motus lune in una hora	
G	G	G	M	S	G	M	S	M	S	M	S
1	29	1	51	51	4	7	47	2	25	31	26
2	28	1	52	56	4	10	27	2	25	31	29
3	27	1	54	9	4	13	3	2	26	31	31
4	26	1	55	6	4	15	35	2	26	31	33
5	25	1	56	9	4	18	3	2	26	31	36
6	24	1	57	11	4	20	27	2	26	31	38
7	23	1	58	2	4	22	47	2	26	31	41
8	22	1	58	52	4	25	2	2	26	31	43
9	21	1	59	41	4	27	12	2	26	31	46
10	20	2	0	26	4	29	18	2	26	31	48
11	19	2	1	13	4	31	20	2	26	31	51
12	18	2	2	2	4	33	18	2	26	31	53
13	17	2	2	41	4	35	11	2	26	31	56
14	16	2	3	21	4	36	59	2	26	31	58
15	15	2	3	59	4	38	49	2	27	32	1
16	14	2	4	36	4	40	23	2	27	32	3
17	13	2	5	16	4	41	58	2	27	32	6
18	12	2	5	48	4	43	28	2	27	32	8
19	11	2	6	17	4	44	53	2	27	32	11
20	10	2	6	45	4	46	13	2	27	32	14
21	9	2	7	12	4	47	26	2	27	32	17
22	8	2	7	37	4	48	35	2	27	32	19
23	7	2	8	2	4	49	38	2	27	32	22
24	6	2	8	27	4	50	41	2	27	32	25
25	5	2	8	45	4	51	38	2	27	32	28
26	4	2	9	1	4	52	28	2	27	32	31
27	3	2	9	17	4	53	11	2	28	32	34
28	2	2	9	32	4	53	50	2	28	32	36
29	1	2	9	45	4	54	25	2	28	32	38
30	0	2	9	57	4	54	58	2	28	32	42

9 adde

Gemini

Equacio solis			Equacio lune			Minute vere solis in una hora		Motus lune in una hora	
G	M	S	G	M	S	M	S	M	S
2	9	59	4	55	18	2	28	33	45
2	10	0	4	55	37	2	28	33	48
2	10	0	4	55	49	2	28	33	51
2	10	0	4	55	55	2	28	33	53
2	9	57	4	55	0	2	28	33	56
2	9	51	4	55	56	2	28	33	59
2	9	36	4	55	43	2	28	33	4
2	9	20	4	55	25	2	28	33	8
2	9	2	4	55	4	2	29	33	13
2	8	45	4	54	41	2	29	33	18
2	8	25	4	54	12	2	29	33	22
2	8	6	4	53	38	2	29	33	27
2	7	41	4	52	59	2	29	33	29
2	7	16	4	52	14	2	29	33	30
2	6	46	4	51	22	2	29	33	32
2	6	18	4	50	22	2	29	33	33
2	5	48	4	49	17	2	29	33	35
2	5	18	4	48	10	2	29	33	36
2	4	42	4	46	54	2	29	33	39
2	4	5	4	45	33	2	29	33	42
2	3	27	4	44	7	2	29	33	46
2	2	37	4	42	34	2	29	33	49
2	1	45	4	40	56	2	29	33	54
2	0	51	4	39	15	2	29	33	55
1	59	53	4	37	29	2	29	33	58
1	58	55	4	35	37	2	29	34	1
1	57	57	4	33	41	2	29	34	5
1	56	57	4	31	34	2	29	34	8
1	55	57	4	29	20	2	29	34	11
1	54	57	4	27	0	2	29	34	14

8 adde

Cancer

Tabula motus solis et lune et equationum motus sol et lune in una hora

Numerus dierum		Equatio solis			Equatio lune			Motus sol in una hora		Motus lune in una hora	
g	g	g	m	2	g	m	2	m	2	m	2
1	29	1	53	46	4	24	38	2	30	34	17
2	28	1	52	35	4	22	7	2	30	34	20
3	27	1	51	24	4	19	38	2	30	34	23
4	26	1	50	15	4	16	58	2	30	34	26
5	25	1	48	59	4	14	13	2	30	34	29
6	24	1	40	46	4	11	22	2	30	34	32
7	23	1	46	20	4	8	28	2	30	34	35
8	22	1	44	53	4	5	31	2	30	34	38
9	21	1	43	26	4	2	30	2	30	34	41
10	20	1	41	57	3	59	20	2	30	34	43
11	19	1	40	27	3	56	5	2	30	34	46
12	18	1	38	57	3	52	47	2	30	34	49
13	17	1	37	25	3	49	23	2	30	34	52
14	16	1	35	53	3	45	52	2	30	34	54
15	15	1	34	20	3	42	17	2	30	34	57
16	14	1	32	46	3	38	37	2	30	34	59
17	13	1	31	12	3	34	53	2	30	35	2
18	12	1	29	37	3	31	3	2	32	35	4
19	11	1	27	50	3	27	10	2	32	35	7
20	10	1	26	3	3	23	12	2	32	35	9
21	9	1	24	16	3	19	9	2	32	35	11
22	8	1	22	28	3	15	2	2	32	35	13
23	7	1	20	40	3	10	50	2	32	35	16
24	6	1	18	51	3	6	34	2	32	35	18
25	5	1	17	0	3	2	15	2	32	35	20
26	4	1	15	8	2	57	21	2	32	35	22
27	3	1	13	16	2	53	23	2	32	35	25
28	2	1	11	13	2	48	51	2	32	35	27
29	1	1	9	10	2	44	15	2	32	35	29
30	0	1	7	0	2	39	35	2	32	35	31

Leo

Equatio solis			Equatio lune			Motus sol in una hora		Motus lune in una hora	
g	m	2	g	m	2	m	2	m	2
1	5	1	2	34	52	2	32	35	33
1	2	54	2	30	6	2	32	35	34
1	0	57	2	25	10	2	32	35	37
0	58	40	2	20	[illegible]	2	32	35	39
0	56	33	2	15	20	2	32	35	41
0	54	25	2	10	20	2	32	35	43
0	52	17	2	5	22	2	32	35	45
0	50	9	2	0	17	2	32	35	47
0	48	11	1	55	9	2	32	35	48
0	45	54	1	49	58	2	33	35	[illegible]
0	43	44	1	44	44	2	33	35	51
0	41	35	1	39	27	2	33	35	52
0	39	26	1	34	9	2	33	35	52
0	37	16	1	28	49	2	33	35	53
0	35	6	1	23	26	2	33	35	53
0	32	51	1	18	1	2	33	35	55
0	30	35	1	12	34	2	33	35	54
0	28	19	1	7	6	2	33	35	54
0	26	1	1	1	36	2	33	35	55
0	23	42	0	56	5	2	33	35	57
0	21	22	0	50	32	2	32	35	58
0	19	1	0	44	58	2	32	35	59
0	16	40	0	39	23	2	32	36	1
0	14	19	0	33	47	2	32	36	2
0	11	58	0	28	10	2	32	36	2
0	9	36	0	22	33	2	32	36	3
0	7	12	0	16	57	2	32	36	3
0	4	48	0	11	18	2	32	36	3
0	2	24	0	5	40	2	32	36	4
0	0	0	0	0	0	2	32	36	4

Virgo

Tabula latitudinis lune

Linee numeri communes		0 Latitudo lune et est ascendens			1 Latitudo lune et est ascendens			2 Latitudo lune et est ascendens			3 Latitudo lune et est ascendens			4 Latitudo lune et est ascendens			5 Latitudo lune et est ascendens		
g	g	g	m	2	g	m	2	g	m	2	g	m	2	g	m	2	g	m	2
1	29	0	5	13	2	33	24	4	22	22	4	59	58	4	17	7	2	25	17
2	28	0	10	27	2	38	52	4	24	11	4	59	50	4	14	22	2	20	40
3	27	0	15	40	2	44	57	4	27	14	4	59	35	4	11	30	2	16	2
4	26	0	20	53	2	47	39	4	29	34	4	59	15	4	8	37	2	11	22
5	25	0	26	7	2	51	57	4	31	49	4	58	51	4	5	38	2	6	40
6	24	0	31	19	2	57	10	4	33	[illegible]	4	58	21	4	2	34	2	1	56
7	23	0	36	31	3	0	21	4	36	4	4	57	45	3	59	28	1	57	8
8	22	0	41	42	3	4	29	4	38	4	4	57	4	2	56	16	1	52	17
9	21	0	46	52	3	8	34	4	40	0	4	56	17	3	53	0	1	47	23
10	20	0	52	1	3	12	39	4	41	52	4	55	25	3	49	40	1	42	27
11	19	0	57	9	3	16	39	4	43	38	4	54	28	3	46	17	1	37	29
12	18	0	2	16	3	20	35	4	45	18	4	53	25	3	42	49	1	32	31
13	17	1	7	23	3	24	26	4	46	52	4	52	17	3	39	17	1	27	33
14	16	1	12	20	3	28	14	4	48	20	4	51	3	3	34	41	1	22	34
15	15	1	17	36	3	32	0	4	49	44	4	49	44	3	32	0	1	17	36
16	14	1	22	34	3	35	41	4	51	3	4	48	20	3	28	14	1	12	30
17	13	1	27	33	3	39	17	4	52	17	4	46	51	3	24	26	1	7	23
18	12	1	32	31	3	42	49	4	53	25	4	45	18	3	20	36	1	2	16
19	11	1	37	29	3	46	17	4	54	28	4	43	38	3	16	39	0	57	9
20	10	1	42	27	3	49	40	4	55	25	4	41	52	3	12	39	0	52	1
21	9	1	47	23	3	53	0	4	56	17	4	40	0	3	8	30	0	46	52
22	8	1	52	17	3	56	16	4	57	4	4	38	4	3	4	29	0	41	42
23	7	1	57	8	3	59	28	4	57	45	4	36	4	3	0	21	0	36	31
24	6	2	1	56	4	2	37	4	58	25	4	33	59	2	56	10	0	31	19
25	5	2	6	40	4	5	38	4	58	55	4	31	49	2	51	57	0	26	6
26	4	2	11	42	4	8	37	4	59	15	4	29	34	2	47	39	0	20	53
27	3	2	16	2	4	11	34	4	59	35	4	27	14	2	43	17	0	15	40
28	2	2	20	40	4	14	22	4	59	50	4	24	11	2	38	12	0	10	27
29	1	2	25	17	4	17	7	4	59	58	4	22	22	2	34	24	0	5	13
0	0	2	29	52	4	19	47	4	0	0	4	19	46	2	29	52	0	0	0
			11			10			9			8			7			6	

Tabula distantie [illegible] in una hora | Tabula motus solis et lune in horis | Tabula [illegible]

Congregationes solis et lune (?)

[illegible]	g	m	2
1	0	0	0
2	0	0	1
3	0	0	2
4	0	0	3
5	0	0	4
6	0	0	5
7	0	0	6

po superior
perifeior

Linee numeri communes		hore motus solis [illegible]		hore motus lune [illegible]	
g	g	m	2	m	2
0	360	2	23	30	18
6	354	2	23	30	19
12	348	2	23	30	21
18	342	2	23	30	24
24	336	2	23	30	28
30	330	2	24	30	35
36	324	2	24	30	43
42	318	2	24	30	51
48	312	2	25	31	1
54	306	2	25	31	12
60	300	2	25	31	24
66	294	2	26	31	38
72	288	2	26	31	53
78	282	2	27	32	8
84	276	2	27	32	24
90	270	2	28	32	42
96	264	2	28	32	59
102	258	2	29	33	17
108	252	2	29	33	37
114	246	2	29	33	56
120	240	2	30	34	14
126	234	2	30	34	32
132	228	2	31	34	49
138	222	2	31	35	4
144	216	2	32	35	18
150	210	2	32	35	31
156	204	2	33	35	43
162	198	2	33	35	52
168	192	2	33	35	58
174	186	2	33	36	2
180	187	2	33	36	4

Linee numeri communes		Longitudo ponderum (?)		[illegible]	
g	g	m	2	m	2
6	354	0	21	0	0
12	348	0	42	0	0
18	342	1	42	0	1
24	336	2	42	1	2
30	330	4	1	1	3
36	324	5	21	1	4
42	318	7	18	2	5
48	312	9	17	2	6
54	306	11	37	2	8
60	300	14	0	3	9
66	294	16	48	3	11
72	288	19	36	4	13
78	282	22	36	4	14
84	276	25	36	5	16
90	270	28	42	6	17
96	264	31	48	6	19
102	258	34	54	7	21
108	252	38	0	8	22
114	246	41	0	8	24
120	240	44	0	9	26
126	234	46	41	9	27
132	228	49	30	10	28
138	222	51	39	10	29
144	216	53	42	11	30
150	210	55	34	11	30
156	204	57	14	11	31
162	198	58	19	12	31
168	192	59	21	12	32
174	186	59	41	12	32
180	180	60	0	12	32

Circulus [illegible]

Nota quod [illegible] in
[illegible] vel motus [illegible]
[illegible]
[illegible] cum argumento lune [illegible]
reperietur Et [illegible]
[illegible]
[illegible] directe [illegible]
[illegible]
venerit vel quod cum gradu aliquo
[illegible] intra cum minori
[illegible] directe in
venerit capias [illegible]
[illegible]
directe in venerit capias
[illegible]
[illegible] partes proportionales [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
si non fuerit [illegible]
[illegible] et [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
non [illegible] Et [illegible]
habebis partes proportionales quas
[illegible]
si [illegible] fuerit maior [illegible]
[illegible] si [illegible] fuerit minor [illegible]

Tabula portionis vere aucta per duos

Gradus proportionis		Minuta proportionalia		Gradus proportionis	
G	G	m	2	G	G
2	358	0	2	62	298
4	356	0	6	64	296
6	354	0	12	66	294
8	352	0	20	68	292
10	350	0	30	70	290
12	348	0	42	72	288
14	346	0	57	74	286
16	344	1	14	76	284
18	342	1	34	78	282
20	340	1	55	80	280
22	338	2	18	82	278
24	336	2	42	84	276
26	334	3	5	86	274
28	332	3	25	88	272
30	330	3	54	90	270
32	328	4	21	92	268
34	326	4	50	94	266
36	324	5	21	96	264
38	322	5	57	98	262
40	320	6	37	100	260
42	318	7	13	102	258
44	316	7	52	104	256
46	314	8	31	106	254
48	312	9	14	108	252
50	310	10	0	110	250
52	308	10	46	112	248
54	306	11	33	114	246
56	304	12	21	116	244
58	302	13	10	118	242
60	300	14	0	120	240

Tabula portionis

Minuta proportionalia		Gradus proportionis		Minuta proportionalia	
m	2	G	G	m	2
14	52	122	238	44	0
14	45	124	236	45	0
16	41	126	234	46	7
17	38	128	232	47	46
18	36	130	230	48	57
19	36	132	228	49	30
20	36	134	226	50	13
21	36	136	224	51	6
22	36	138	222	51	50
23	36	140	220	52	32
24	30	142	218	53	11
25	36	144	216	54	48
26	38	146	214	55	24
27	49	148	212	55	55
28	42	150	210	56	34
29	44	152	208	57	8
30	46	154	206	57	42
31	48	156	204	58	14
32	50	158	202	58	43
33	52	160	200	59	8
34	54	162	198	59	31
35	50	164	196	58	50
36	50	166	194	59	7
38	0	168	192	59	21
39	0	170	190	59	33
40	0	172	188	59	43
41	0	174	186	59	51
42	0	176	184	59	56
43	0	178	182	59	58
44	0	180	182	60	0

Tabula diversitatis aspectus lune in climate [illegible] cuius latitudo [illegible] in hore

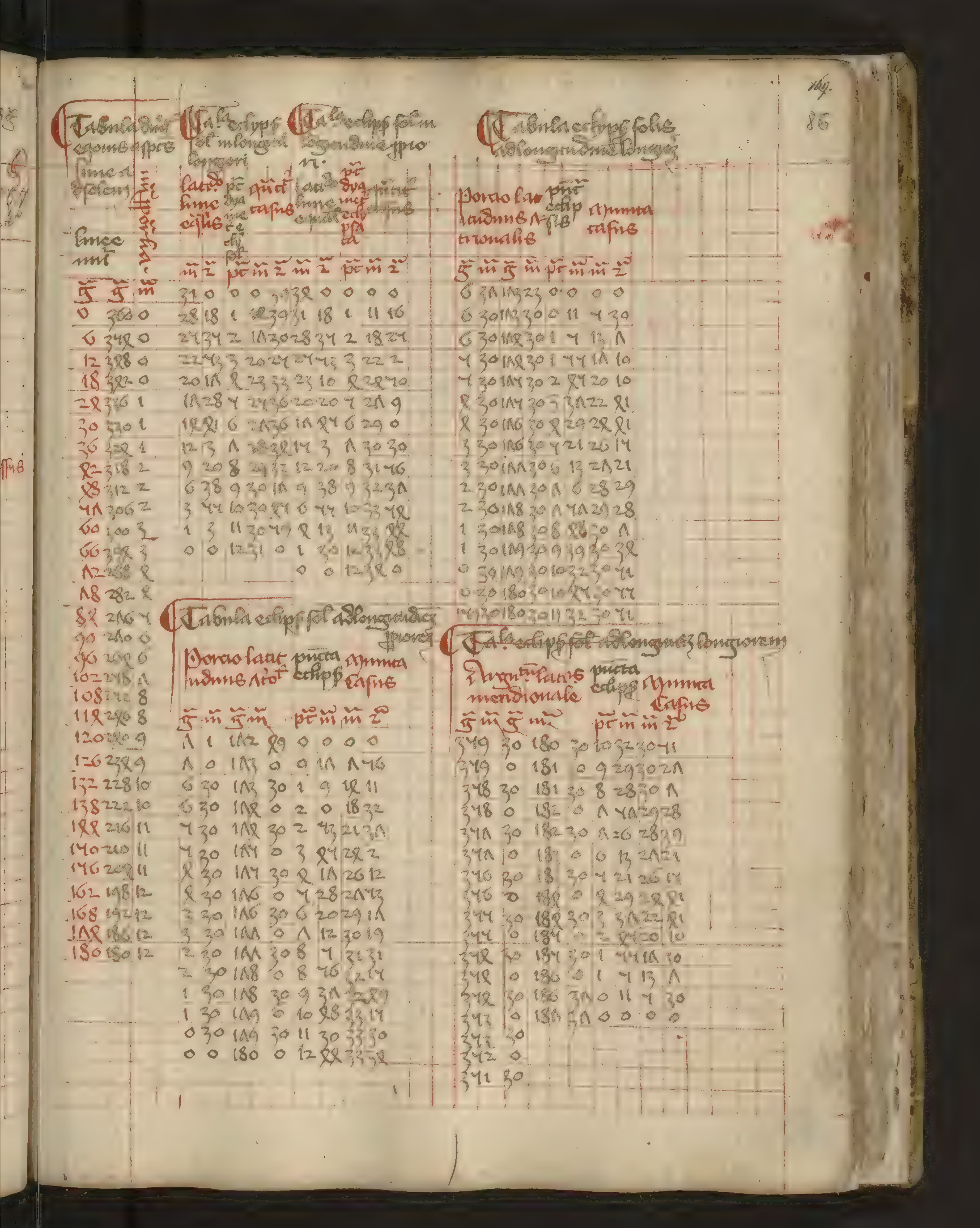
Cancri				Leonis				Virginis				Libre				Scorpionis				Sagittarii			
ho	m	longitudo m	latitudo m	ho	m	longitudo m	latitudo m	ho	m	longitudo m	latitudo m	ho	m	longitudo m	latitudo m	ho	m	longitudo m	latitudo m	ho	m	longitudo m	latitudo m
7	48	34	42	7	28	48	37	6	28	50	23	6	0	51	20	5	10	49	23	4	30	42	32
7		37	40	6		46	38	6		50	23	5		50	20	5		48	24	4		41	35
6		40	35	5		44	24	5		47	22	4		46	22	4		46	27	3		36	39
5		37	33	4		41	21	4		43	20	3		41	24	3		31	31	2		39	43
4		33	27	3		32	20	3		36	20	2	0	33	27	2		32	35	1		20	41
3		28	24	2		23	20	2		29	22	1		24	31	1		24	38	0		0	0
2		20	22	1		14	20	1		20	24	0		0	0	0		0	0	0		0	0
1		10	20	0		0	0	0		0	0	0	0	0	0	0		0	0	0		0	0
Recessus		0	20	Recessus		5	23	Recessus		10	28	Recessus		17	35	Recessus		12	42	Recessus		11	48
1		10	20	0		0	0	0		0	0	0	0	0	0	0		0	0	0		0	0
2		20	22	1		5	23	1		1	22	0		0	0	0		0	0	0		0	0
3		28	24	2		13	28	2		7	35	1		4	39	1		5	48	0		0	0
4		33	27	3		22	32	3		14	40	2		3	42	2		3	40	1		0	50
5		37	33	4		26	35	4		20	43	3	0	10	40	3		11	50	2		16	51
6		40	35	5		30	40	5		33	44	4		17	48	4		12	51	3		16	50
7		37	40	6		30	43	6		34	49	5		19	50	5		21	50	4		24	49
7	48	34	42	7	28	38	46	6	28	22	50	5	0	17	51	5	16	22	50	4	[illegible]	35	48

Capricorni				Aquarii				Piscium				Arietis				Tauri				Geminorum			
ho	m	longitudo m	latitudo m	ho	m	longitudo m	latitudo m	ho	m	longitudo m	latitudo m	ho	m	longitudo m	latitudo m	ho	m	longitudo m	latitudo m	ho	m	longitudo m	latitudo m
4	20	35	41	4	30	35	48	5	16	22	50	6	0	19	51	6	28	22	50	7	28	28	40
4		33	41	4		24	49	5		21	50	5	0	19	50	6		24	49	6		30	42
3		27	46	3		16	50	4		15	51	4		17	48	5		23	44	5		30	40
2		19	49	2		11	51	3		11	51	3		10	40	4		20	43	4		20	35
1		12	50	1		0	50	2		3	48	2		3	42	3		14	40	3		23	[illegible]
0		0	0	0		0	0	1		5	46	1		4	39	2		7	35	2		13	28
0		0	0	0		0	0	0		0	0	0		0	0	1		1	32	1		5	24
0		0	0	0		0	0	0		0	0	0		0	0	0		0	0	0		0	0
Recessus		0	51	Recessus		1	48	Recessus		12	42	Recessus		14	55	Recessus		10	28	Recessus		5	23
0	0	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0		0	0
0		0	0	0		0	0	0		0	0	0		0	0	1		20	24	1		14	20
0		0	0	0		0	0	1		24	38	1		24	32	2		29	22	2		23	20
1		12	50	1		29	45	2		32	35	2		33	27	3		30	20	3		32	50
2		19	49	2		29	42	3		31	31	3		41	24	4		43	20	4		40	21
3		27	46	3		29	39	4		36	27	4		40	22	5		47	20	5		44	23
4		33	41	4		41	35	5		48	24	5		50	20	6		50	22	6		46	27
4	20	35	41	4	30	43	32	5	16	49	23	6	0	51	20	6	28	50	23	7	28	44	31

~~Tabula diuersitatis aspectus lune in latitudine ... super ... in integro ... [illegible]~~
~~... [illegible] ... equatum~~

Cancri (Gr m, Long. m, Lat. m)	Leonis (Gr m, Long. m, Lat. m)	Longitudo, Latitudo, Libre (Gr m)	Longitudo, Latitudo, Scorpionis (Gr m)	Longitudo, Latitudo, Sagittarii (Gr)	Longitudo, Latitudo (m m m)	Capricorni (Gr)
8 0 30 42	7 40 39 33	44 45 24 6 0	46 21 5 6	45 24 4	20 29 33	6
7 38 38	7 40 37	47 23 5	45 22 5	45 25 4	27 34	6
6 34 34	6 40 28	43 22 4	42 23 4	42 27 3	33 38	5
5 32 31	5 39 25	40 21 3	37 25 3	37 31 2	26 41	4
4 29 28	4 35 23	35 20 2	31 26 2	31 24 1	19 44	3
3 24 25	3 30 23	27 24 1	23 28 1	24 38 0	0 0	2
2 17 24	2 22 22	19 26 0	0 0 0	0 0 0	0 0	1
1 9 22	1 14 22	0 0 0	0 0 0	0 0 0	0 0	0
Recessus 0 21	Recessus 5 23	11 29 Recessus	5 30 Recessus	17 41 Recessus	1 47	Recessus 8
1 9 22	1 3 26	0 0 0	0 0 0	0 0 0	0 0	0
2 17 24	2 11 29	3 32 0	0 0 0	0 0 0	0 0	1
3 24 25	3 18 32	5 36 1	7 35 1	8 44 0	0 0	2
4 29 28	4 22 36	11 40 2	0 38 2	0 46 1	2 48	3
5 32 31	5 25 39	15 43 3	6 45 3	7 47 2	6 49	4
6 34 34	6 25 42	18 45 4	11 45 4	13 48 3	14 48	5
7 38 38	7 23 45	18 46 5	14 48 5	17 48 4	20 47	6
8 0 30 42	7 40 21 46	5 9 17 48 6 0	16 48 5 6	17 48 4 20	21 46	6

Capricorni (Gr m, Long. m, Lat. m)	Aquarij (Gr m, Long. m, Lat. m)	Piscium (Gr m, Long. m, Lat. m)	Arietis (Gr m, Long. m, Lat. m)	Tauri (Gr m, Long. m, Lat. m)	Geminis (Gr m, Long. m, Lat. m)
4 0 30 42	4 20 21 46	5 6 17 48	6 0 10 48	6 5 4 17 44	7 40 21 46
3 24 45	4 20 47	5 17 48	5 14 48	6 18 47	7 23 45
2 17 47	3 14 48	4 13 48	4 11 45	5 18 45	6 25 42
1 9 44	2 6 43	3 7 47	3 6 42	4 15 43	5 25 39
0 0 0	0 2 48	2 0 40	2 0 38	3 11 40	4 22 36
0 0 0	0 0 0	1 8 44	1 7 35	2 5 36	3 18 32
0 0 0	0 0 0	0 0 0	0 0 0	1 3 32	2 11 29
0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	1 3 26
Recessus 0 0	Recessus 10 47	Recessus 17 41	Recessus 15 31	Recessus 11 29	Recessus 5 23
0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	1 14 22
0 0 0	0 0 0	0 0 0	0 0 0	1 19 26	2 22 22
0 0 0	0 0 0	1 24 37	1 23 28	2 27 24	3 30 23
0 0 0	1 19 44	2 31 34	2 31 26	3 35 20	4 35 23
1 9 42	2 26 41	3 37 31	3 37 25	4 40 21	5 39 25
2 17 47	3 33 38	4 41 27	4 42 23	5 43 22	6 40 28
3 24 45	4 37 34	5 47 25	5 45 22	6 45 25	7 40 32
4 0 30 42	4 20 39 33	5 6 45 24	0 0 46 21	6 54 45 24	7 40 39 33



Tabula ad inveniendum digitos eclipsis lune a descensu

linee numeri		digiti
g	g	m
0	360	0
6	354	0
12	348	0
18	342	0
24	336	1
30	330	1
36	324	1
42	318	2
48	312	2
54	306	2
60	300	3
66	294	3
72	288	4
78	282	4
84	276	5
90	270	6
96	264	6
102	258	7
108	252	8
114	246	8
120	240	9
126	234	9
132	228	10
138	222	10
144	216	11
150	210	11
156	204	11
162	198	12
168	192	12
174	186	12
180	180	12

Tabula eclipsis solis ad longitudinem propiorem

Portio latitudinis		Arctici		puncta eclipsis	minuta casus		
g	m	g	m	pt	m	m	2a
7	1	172	49	0	0	0	0
7	0	173	0	0	17	7	46
6	30	173	30	1	9	14	11
6	30	174	0	2	0	18	32
5	30	174	30	2	43	21	37
5	30	175	0	3	45	24	2
4	30	175	30	4	17	26	12
4	30	176	0	5	28	27	43
3	30	176	30	6	20	29	17
3	30	177	0	7	12	30	19
2	30	177	30	8	5	31	31
2	30	178	0	8	56	32	15
1	30	178	30	9	37	32	59
1	30	179	0	10	48	33	15
0	30	179	30	11	30	33	30
0	0	180	0	12	44	33	52

Tabula eclipsis solis in longitudine longiori

Tabula eclipsis solis in longitudine propiori

Tabula eclipsis solis ad longitudinem longiorem

Tabula eclipsis solis ad longitudinem longiorem

Tabula eclipsis solis [illegible] — Tabula locorum lune in principio, medio et in fine eclipsis

Anni	menses	[illegible]		puncta eclipsis	minuta casus			argumentum latitudinis				argumentum latitudinis meridionale				locus lune		
g	g	g	m	p	m	m	2	s	g	s	g	s	g	s	g	g	m	2
359	30	180	30	11	30	33	30	0	0	6	0	12	0	6	0	0	0	0
359	0	181	0	10	38	33	15	0	1	5	29	11	29	6	1	0	5	13
358	30	181	30	9	47	32	45	0	2	5	28	11	28	6	2	0	10	57
358	0	181	0	8	56	32	15	0	3	5	27	11	27	6	3	0	15	4
357	30	182	30	8	5	31	31	0	4	5	26	11	26	6	4	0	20	12
357	0	182	0	7	12	30	19	0	5	5	25	11	25	6	5	0	26	7
356	30	183	30	6	20	29	17	0	6	5	24	11	24	6	6	0	31	13
356	0	183	0	5	28	27	13	0	7	5	23	11	23	6	7	0	36	31
355	30	184	30	4	37	26	12	0	8	5	22	11	22	6	8	0	41	54
355	0	184	0	3	45	24	3	0	9	5	21	11	21	6	9	0	46	42
354	30	185	30	2	53	21	17	0	10	5	20	11	20	6	10	0	52	1
354	0	185	0	2	0	18	32	0	11	5	19	11	19	6	11	0	57	9
353	30	186	30	1	9	14	16	0	12	5	18	11	18	6	12	0	2	16
353	0	186	0	0	17	7	16	0	13	5	17	11	17	6	13	0	7	13
352	30	187	30	0	0	0	0	0										

Tabula inflexionis tenebrarum scilicet eclypsi

Numerus punctorum eclipsis et diminuciones	Diametri eclypsis solis et lune	puncta eclypsis lune in mora casus	puncta eclypsis lune in mora casus
0	90	90	0
1	60	73	0
2	54	64	0
3	49	57	0
4	43	54	0
5	37	50	0
6	31	45	0
7	26	43	0
8	21	39	0
9	16	36	0
10	11	32	0
11	6	29	0
12	2	26	30
13	0	23	54
14	0	21	42
15	0	15	43
16	0	17	26
17	0	12	29
18	0	10	22
19	0	7	16
20	0	4	10
21	0	2	4

puncta	pes 12 partium equationis ad solis et lune	
p	p	m
1	0	20
2	1	0
3	2	45
4	3	40
5	4	40
6	5	40
7	7	40
8	8	0
9	9	20
10	10	40
11	11	50
12	12	0

puncta diametri — puncta ad sole

puncta ad sole	
p	m
0	30
1	40
2	8
3	10
4	20
5	30
6	45
8	0
9	10
10	20
11	20
12	0

Tabula quantitatis tenebrarum eclipsis

numerus punctorum	quantitas eclipsis solis		quantitas eclipsis lune	
p	p	m	p	m
1	0	20	0	30
2	1	0	1	10
3	1	50	2	5
4	2	40	3	10
5	3	20	4	20
6	4	40	5	30
7	5	50	6	40
8	7	0	8	0
9	8	20	9	10
10	9	40	10	20
11	10	50	11	20
12	12	0	12	0

Tabula eclipsis lune ad finem longitudinis longiorem

Longitudo a nodo		latitudo lune		puncta eclipsis	minuta casus		minuta more	
g	m	m	2a	p	m	2a	m	2a
9	11	52	0	0	0	0	0	0
8	35	50	33	1	14	35	0	0
8	16	48	5	2	22	39	0	0
7	50	45	38	3	24	16	0	0
7	17	43	10	4	27	44	0	0
6	49	40	45	5	33	14	0	0
6	20	38	17	6	36	22	0	0
5	52	35	48	7	39	5	0	0
5	22	33	22	8	41	12	0	0
4	54	30	22	9	43	7	0	0
4	26	28	24	10	47	44	0	0
3	58	25	58	11	43	12	0	0
3	30	23	30	12	47	30	0	0
3	2	21	3	13	43	11	10	27
2	24	18	37	14	37	14	14	23
2	5	16	8	15	33	24	17	5
1	27	13	30	16	32	5	19	7
1	9	11	13	17	31	9	20	39
1	41	8	44	18	30	27	21	49
0	12	6	18	19	29	58	22	39
0	44	3	50	20	29	41	22	11
0	16	1	22	21	29	31	22	28
0	0	0	0	21	14	20	23	30

Tabula eclipsis lune ad finem longitudinis propiorem

Longitudo a nodo		latitudo lune		puncta eclipsis	minuta casus		minuta more	
g	m	m	2a	p	m	2a	m	2a
12	14	63	26	0	0	0	0	0
11	41	60	29	1	19	9	0	0
11	7	57	43	2	27	20	0	0
10	33	54	50	3	32	39	0	0
9	58	51	43	4	30	53	0	0
9	24	48	56	5	40	41	0	0
8	49	45	59	6	43	59	0	0
8	14	42	3	7	47	13	0	0
7	41	40	6	8	49	24	0	0
7	7	37	9	9	51	40	0	0
6	33	38	13	10	43	39	0	0
5	59	31	16	11	55	24	0	0
5	24	28	19	12	56	29	0	0
4	21	24	23	13	55	47	12	35
4	17	22	26	14	52	14	17	16
3	43	19	29	15	50	22	20	33
3	9	16	33	16	28	27	22	28
2	36	13	36	17	37	20	24	18
2	2	10	40	18	26	27	26	2
1	28	7	40	19	35	56	27	12
0	24	4	43	20	35	35	27	52
0	20	1	40	21	37	23	28	13
0	0	0	0	21	35	20	28	16

Tabula eclipsis lunaris ad longitudinem longiorem

Argumentum latitudinis septentrionalis				Puncta eclipsis		Minuta casus		Minuta more	
g	m	gradus	m	pc	m	m	2	m	2
11	0	169	0	0	0	0	0	0	0
10	30	169	30	0	40	12	10	0	0
10	0	170	0	1	40	19	30	0	0
9	30	170	30	2	40	24	32	0	0
9	0	171	0	3	32	28	7	0	0
8	30	171	30	4	35	31	13	0	0
8	0	172	0	5	30	34	10	0	0
7	30	172	30	6	25	30	37	0	0
7	0	173	0	7	23	38	42	0	0
6	30	173	30	8	21	40	28	0	0
6	0	174	0	9	20	43	11	0	0
5	30	174	30	10	17	44	36	0	0
5	0	175	0	11	14	45	12	0	0
4	30	175	30	12	11	46	4	0	0
4	0	176	0	13	9	34	42	10	21
3	30	176	30	14	7	35	1	13	47
3	0	177	0	15	4	31	44	17	48
2	30	177	30	16	2	30	38	17	40
2	0	178	0	17	0	30	31	19	14
1	30	178	30	17	57	[illegible]	3	20	12
1	0	179	0	18	53	29	52	20	52
0	30	179	30	19	50	29	19	21	16
0	0	180	0	20	40	[illegible]	16	21	22

Tabula eclipsis lunaris ad longitudinem propiorem

Argumentum latitudinis meridionalis				Puncta eclipsis		Minuta casus		Minuta more	
g	m	g	m	pc	m	m	2	m	2
13	0	167	0	0	26	12	25	0	0
12	30	167	30	1	13	20	52	0	0
12	0	168	0	2	2	26	7	0	0
11	30	168	30	2	50	34	22	0	0
11	0	169	0	3	36	34	27	0	0
10	30	169	30	4	34	37	0	0	0
10	0	170	0	5	29	41	27	0	0
9	30	170	30	6	10	43	26	0	0
9	0	171	0	6	54	45	21	0	0
8	30	171	30	7	41	47	25	0	0
8	0	172	0	8	31	49	28	0	0
7	30	172	30	9	25	51	6	0	0
7	0	173	0	10	11	52	44	0	0
6	30	173	30	10	54	54	9	0	0
6	0	174	0	11	43	55	20	0	0
5	30	174	30	12	34	55	14	9	7
5	0	175	0	13	27	43	33	14	9
4	30	175	30	14	27	40	54	17	27
4	0	176	0	15	0	39	9	19	57
3	30	176	30	15	50	37	50	21	5
3	0	177	0	16	38	36	51	23	32
2	30	177	30	17	27	36	0	24	49
2	0	178	0	18	17	35	30	27	49
1	30	178	30	19	5	35	5	26	33
1	0	179	0	19	54	34	49	27	2
0	30	179	30	20	43	34	40	27	16
0	0	180	0	21	3	34	35	27	27

Tabula eclipsis lunaris ad suam longitudinem

Argumentum latitudinis meridionale				punctum eclipsis		minuta casus		dimidia more	
g	m	g	m	p	m	m	2	m	2
360	0	180	0	20	40	29	16	21	22
359	30	180	30	19	40	29	19	21	10
359	0	181	0	18	53	29	42	20	42
358	30	181	30	17	47	30	3	20	12
358	0	182	0	17	0	30	31	19	18
357	30	182	30	16	2	31	18	17	18
357	0	183	0	14	8	32	22	17	18
356	30	183	30	12	4	32	1	15	27
356	0	184	0	13	4	45	42	10	22
355	30	184	30	12	11	21	8	0	0
355	0	185	0	11	15	44	12	0	0
354	30	185	30	10	14	53	36	0	0
354	0	186	0	9	20	2	11	0	0
353	30	186	30	8	21	40	26	0	0
353	0	187	0	7	2	38	42	0	0
352	30	187	30	6	27	30	24	0	0
352	0	188	0	4	30	38	10	0	0
351	30	188	30	3	45	31	13	0	0
351	0	189	0	3	37	25	7	0	0
350	30	189	30	2	30	22	32	0	0
350	0	190	0	1	50	19	30	0	0
349	30	190	30	0	30	12	10	0	0
349	0	191	0	0	0	0	0	0	0

Tabula eclipsis lunaris secundum longitudinem suam propriorem

Argumentum latitudinis meridionale				puncta eclipsis		minuta casus		dimidia more	
g	m	g	m	p	m	m	2	m	2
360	0	180	0	21	31	38	37	47	27
359	30	180	30	20	41	38	20	27	16
359	0	181	0	19	47	38	19	27	2
358	30	181	30	19	4	37	47	26	32
358	0	182	0	18	14	37	31	24	47
357	30	182	30	17	29	36	0	28	47
357	0	183	0	16	35	36	41	24	32
356	30	183	30	15	40	35	40	21	47
356	0	184	0	14	44	34	4	19	17
355	30	184	30	12	47	30	32	17	13
355	0	185	0	11	27	33	43	18	4
354	30	185	30	12	37	29	18	4	7
354	0	186	0	11	32	41	20	0	6
353	30	186	30	10	47	54	4	0	0
353	0	187	0	10	11	42	48	0	0
352	30	187	30	9	30	41	6	0	6
352	0	188	0	8	31	42	28	0	0
351	30	188	30	7	41	47	30	0	0
351	0	189	0	6	48	58	21	0	0
350	30	189	30	6	12	41	25	0	0
350	0	190	0	4	24	41	24	0	0
349	30	190	30	4	53	27	[illegible]	0	0
349	0	191	0	3	10	41	26	0	0
348	30	191	30	2	40	20	40	0	0
348	0	192	0	2	2	22	7	0	0
347	30	192	30	1	12	24	22	0	0
347	0	193	0	0	20	14	24	0	0

Tabula elevacionum signorum ad latitudinem quinquaginta graduum

Gradus	Aries: Ascensiones g	m	Proporcio horarum g	m	Taurus: Ascensiones g	m	Proporcio horarum g	m	Gemini: Ascensiones g	m	Proporcio horarum g	m	Cancer: Ascensiones g	m	Proporcio horarum g	m	Leo: Ascensiones g	m	Proporcio horarum g	m	Virgo: Ascensiones g	m	Proporcio horarum g	m
1	0	26	17	5	14	16	17	36	32	54	19	22	49	40	20	12	97	40	19	17	139	[illegible]	17	16
2	0	52	17	10	14	47	17	30	33	29	19	21	51	0	20	12	99	12	19	11	140	53	17	12
3	1	18	17	17	14	19	17	38	34	12	19	24	50	10	20	12	100	38	19	8	142	12	17	7
4	1	44	17	20	14	51	17	38	34	47	19	31	63	20	20	12	101	16	19	4	143	56	17	1
5	2	10	17	22	15	23	17	53	35	58	19	35	64	30	20	11	103	3	19	1	145	0	16	55
6	2	37	17	25	15	55	17	[illegible]	36	24	19	37	65	50	20	10	104	40	18	57	146	22	16	51
7	3	4	17	34	17	28	17	41	37	10	19	40	66	40	20	9	106	2	18	54	147	45	16	40
8	3	31	17	30	18	1	17	47	37	57	19	43	68	1	20	8	107	2	18	50	149	12	16	45
9	3	58	17	44	18	34	17	49	38	40	19	40	69	12	20	7	108	47	18	47	150	36	16	40
10	4	25	17	48	19	8	18	4	39	36	19	45	70	23	20	6	110	10	18	43	152	0	16	35
11	4	52	17	53	19	43	18	5	40	33	19	52	71	45	20	4	111	33	18	40	153	24	16	30
12	5	1	16	48	20	25	18	12	42	1	19	55	72	57	20	3	112	46	18	36	154	48	16	26
13	5	44	16	2	20	58	18	16	42	50	19	55	73	47	20	1	114	19	18	32	156	12	16	21
14	6	17	16	17	21	33	18	20	42	41	19	46	75	59	19	59	117	41	18	25	157	36	16	15
15	6	43	16	12	22	9	18	22	43	38	19	58	76	11	19	58	118	7	18	22	159	0	16	12
16	7	2	16	16	22	44	18	28	44	28	19	59	77	23	19	56	119	35	18	20	160	24	16	7
17	7	39	16	21	24	21	18	32	45	26	20	1	79	38	19	54	119	11	18	16	161	48	16	2
18	8	7	16	26	25	17	18	36	46	22	20	3	81	42	19	52	122	14	18	12	163	12	15	58
19	8	37	16	30	26	34	18	40	47	21	20	5	82	10	19	51	123	57	18	8	164	36	15	53
20	9	3	16	34	27	7	18	43	48	21	20	6	84	38	19	49	125	0	18	4	166	0	15	53
21	9	31	15	40	27	49	18	47	49	22	20	7	85	48	19	45	127	14	17	59	167	24	15	44
22	9	59	16	54	28	28	18	50	50	23	20	8	86	19	19	43	128	35	17	55	168	48	15	39
23	10	27	16	49	29	8	18	54	51	24	20	9	87	32	19	40	130	12	17	50	170	12	15	35
24	10	55	16	55	29	49	18	57	52	26	20	10	89	55	19	37	132	35	17	45	171	36	15	29
25	11	23	16	58	30	29	19	1	53	28	20	11	90	16	19	35	133	0	17	40	173	0	15	25
26	11	51	15	3	31	10	19	4	54	30	20	12	92	33	19	31	134	24	17	38	174	24	15	20
27	12	19	15	4	31	52	19	5	55	32	20	12	93	0	19	28	135	48	17	32	175	48	15	15
28	12	48	15	12	32	34	19	12	56	34	20	12	94	22	19	24	137	12	17	30	177	12	15	10
29	13	17	15	16	33	18	19	14	57	36	20	13	96	44	19	22	138	35	17	26	178	36	15	5
30	13	46	15	22	34	1	19	18	58	38	20	12	97	6	19	15	139	0	17	21	180	0	15	0

Ascensionum pro fac[illegible]

Dies	Libra ascensio g	m	pars g	m	Scorpio ascensio g	m	pars g	m	Sagittarius ascensio g	m	pars g	m	Capricornus ascensio g	m	pars g	m	Aquarius ascensio g	m	pars g	m	Pisces ascensio g	m	pars g	m
1	181	24	14	55	222	44	12	44	264	44	10	48	302	54	9	53	328	[illegible]	10	45	356	42	12	44
2	182	48	[illegible]	50	224	48	12	30	266	26	10	45	303	27	9	56	329	[illegible]	10	49	354	12	12	48
3	184	12	14	45	226	12	12	26	267	48	10	42	304	29	9	46	330	[illegible]	10	52	357	41	12	53
4	185	36	14	40	227	36	12	22	269	0	10	39	305	31	9	48	330	[illegible]	10	56	358	9	12	57
5	187	0	14	35	229	0	12	17	270	22	10	35	306	33	9	46	331	51	10	59	358	17	13	1
6	188	24	14	30	220	24	12	1[illegible]	271	44	10	32	307	35	9	50	332	11	11	3	359	5	13	6
7	189	48	14	26	221	48	12	[illegible]	273	6	10	20	308	36	9	[illegible]	332	52	11	6	[illegible]	33	13	11
8	191	12	14	22	232	12	12	5	274	28	10	17	309	37	9	[illegible]	333	32	11	10	[illegible]	[illegible]	13	12
9	192	36	14	16	234	36	12	8	275	50	10	14	310	38	10	[illegible]	334	11	11	13	[illegible]	29	13	20
10	194	0	14	12	236	0	11	57	277	12	10	11	311	38	9	[illegible]	334	49	11	16	[illegible]	57	13	25
11	195	24	14	7	237	22	11	52	278	32	10	9	312	37	9	55	335	26	11	20	[illegible]	21	13	30
12	196	48	14	2	238	46	11	48	279	53	10	7	313	57	9	57	336	3	11	24	[illegible]	45	13	34
13	198	12	13	58	240	1	11	44	281	16	10	6	314	31	9	59	336	39	11	28	[illegible]	21	13	39
14	199	36	13	53	241	32	11	40	282	22	10	4	315	25	10	1	337	17	11	32	[illegible]	[illegible]	13	44
15	201	0	13	48	242	55	11	36	283	37	10	2	316	19	10	[illegible]	337	51	11	36	[illegible]	17	13	48
16	202	24	13	44	244	19	11	32	284	49	10	1	317	10	10	4	338	27	11	40	[illegible]	41	13	53
17	203	48	13	39	245	41	11	28	286	1	9	59	318	59	10	6	339	2	11	44	[illegible]	[illegible]	13	58
18	204	50	13	34	246	4	11	24	287	13	9	57	318	47	10	7	339	37	11	48	[illegible]	[illegible]	14	2
19	206	14	13	30	248	25	11	20	288	25	9	55	319	34	10	9	340	12	11	52	[illegible]	3	14	7
20	208	[illegible]	13	25	249	50	11	17	289	37	9	54	320	20	10	11	340	45	11	56	[illegible]	[illegible]	14	12
21	209	12	13	20	251	13	11	13	290	45	9	53	321	5	10	14	341	[illegible]	12	1	[illegible]	2	14	16
22	210	36	13	15	252	30	11	10	291	55	9	52	322	37	10	17	341	49	12	5	[illegible]	26	14	21
23	212	0	13	11	253	58	11	6	293	10	9	51	322	[illegible]	10	20	342	32	12	9	[illegible]	[illegible]	14	26
24	213	24	13	6	255	20	11	3	294	20	9	50	323	3	10	23	343	[illegible]	12	13	[illegible]	[illegible]	14	31
25	214	48	13	0	256	32	10	59	295	30	9	[illegible]	324	47	10	26	343	57	12	17	[illegible]	50	14	35
26	216	12	12	57	257	4	10	56	296	40	9	53	324	20	10	29	344	9	12	[illegible]	[illegible]	15	14	40
27	217	36	12	53	259	26	10	52	297	50	9	53	325	10	10	32	344	44	12	[illegible]	[illegible]	[illegible]	14	45
28	219	20	12	43	260	43	10	[illegible]	299	0	9	58	326	50	10	[illegible]	345	14	12	[illegible]	[illegible]	3	14	50
29	220	43	12	44	262	10	10	43	300	10	9	45	326	0	10	45	345	44	12	[illegible]	[illegible]	[illegible]	14	55
30	222	10	12	35	263	32	10	42	301	0	9	47	327	[illegible]	10	45	346	14	12	[illegible]	[illegible]	0	14	0

Tabula stationum et directionum planetarum

Saturni — Jovis — Martis — Veneris

Linea numeri		Saturni statio prima		Statio 2a		Jovis statio prima		Statio 2a		Martis statio prima		Statio 2a		Veneris statio prima		Statio 2a		Linea numeri	
g	g	g	m	g	m	g	m	g	m	g	m	g	m	g	m	g	m	g	g
6	354	112	45	247	15	124	5	235	55	157	33	202	27	165	52	194	8	6	354
12	348	112	47	247	13	124	7	235	53	157	37	202	23	165	54	194	6	12	348
18	342	112	49	247	11	124	8	235	52	157	48	202	13	165	57	194	3	18	342
24	336	112	52	247	8	124	11	235	49	157	49	202	1	165	59	194	1	24	336
30	330	112	56	247	4	124	17	235	43	158	15	201	45	166	1	193	59	30	330
36	324	113	2	246	58	124	23	235	39	158	33	201	47	166	6	193	54	36	324
42	318	113	8	246	52	124	29	235	31	158	57	201	3	166	12	193	48	42	318
48	312	113	14	246	46	124	34	235	25	159	20	200	40	166	18	193	42	48	312
54	306	113	20	246	40	124	44	235	16	159	41	200	19	166	24	193	36	54	306
60	300	113	27	246	33	124	53	235	7	160	21	199	39	166	30	193	30	60	300
66	294	113	36	246	24	125	1	234	59	160	56	199	4	166	36	193	24	66	294
72	288	113	42	246	16	125	12	234	48	161	31	199	29	166	43	193	17	72	288
78	282	113	55	246	5	125	22	234	38	161	9	197	51	166	53	193	7	78	282
84	276	114	4	245	56	125	32	234	28	162	47	197	13	167	2	192	58	84	276
90	270	114	11	245	49	125	42	234	18	163	24	196	36	167	11	192	49	90	270
96	264	114	19	245	41	125	50	234	10	163	57	196	3	167	18	192	42	96	264
102	258	114	27	245	33	125	58	234	2	164	31	195	29	167	23	192	37	102	258
108	252	114	37	245	24	126	6	233	54	164	51	195	9	167	30	192	31	108	252
114	246	114	43	245	17	126	14	233	46	165	39	194	21	167	37	192	23	114	246
120	240	114	50	245	10	126	24	233	36	167	11	193	40	167	44	192	17	120	240
126	234	114	57	245	3	126	32	233	28	168	41	193	19	167	52	192	8	126	234
132	228	115	3	244	57	126	42	233	18	168	11	192	49	167	56	192	4	132	228
138	222	115	9	244	51	126	48	233	12	168	37	192	29	168	2	191	58	138	222
144	216	115	14	244	47	126	54	233	6	168	1	191	49	168	6	191	54	144	216
150	210	115	19	244	41	127	0	233	0	169	21	191	39	168	10	191	50	150	210
156	204	115	22	244	38	127	4	232	56	169	41	191	19	168	14	191	46	156	204
162	198	115	24	244	37	127	7	232	52	169	43	191	17	168	17	191	43	162	198
168	192	115	25	244	32	127	10	232	50	169	5	190	55	168	19	191	41	168	192
174	186	115	26	244	31	127	11	232	49	169	11	190	49	168	20	191	40	174	186
180	180	115	3	244	30	127	12	232	48	169	14	190	34	168	21	191	39	180	180

Tabula medie elongationis lune a sole in annis

Gradus	m	G	m
147	12	[illegible]	[illegible]
147	5	[illegible]	[illegible]
147	0	[illegible]	[illegible]
146	[illegible]	[illegible]	[illegible]
146	[illegible]	[illegible]	[illegible]
146	31	[illegible]	[illegible]
145	6	[illegible]	[illegible]
145	[illegible]	[illegible]	[illegible]
145	[illegible]	[illegible]	26
145	[illegible]	[illegible]	[illegible]
144	[illegible]	[illegible]	[illegible]
144	[illegible]	[illegible]	[illegible]
144	[illegible]	[illegible]	[illegible]
144	[illegible]	[illegible]	[illegible]
144	[illegible]	[illegible]	[illegible]
144	[illegible]	[illegible]	[illegible]
144	[illegible]	[illegible]	[illegible]
144	[illegible]	[illegible]	[illegible]
144	[illegible]	[illegible]	[illegible]
144	[illegible]	[illegible]	[illegible]
144	[illegible]	[illegible]	[illegible]
144	[illegible]	[illegible]	[illegible]
144	[illegible]	[illegible]	[illegible]
144	[illegible]	[illegible]	[illegible]
144	[illegible]	[illegible]	[illegible]
144	[illegible]	[illegible]	[illegible]
144	[illegible]	[illegible]	[illegible]
144	[illegible]	[illegible]	[illegible]
144	[illegible]	[illegible]	[illegible]
144	[illegible]	[illegible]	[illegible]

Anni	S	G	m	2	3
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	20	[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	3	[illegible]	[illegible]	[illegible]	[illegible]
18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Tabula medie elongationis lune a sole in diebus

Dies	S	G	m	2	3
1	0	[illegible]	[illegible]	[illegible]	[illegible]
2	0	[illegible]	22	[illegible]	[illegible]
3	1	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	3	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	1
14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	[illegible]	3	[illegible]	6
17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	[illegible]	[illegible]	26	[illegible]	[illegible]
19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	[illegible]	0	[illegible]	[illegible]
22	[illegible]	[illegible]	11	[illegible]	[illegible]
23	9	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	22	[illegible]	[illegible]	[illegible]
25	10	[illegible]	[illegible]	[illegible]	21
26	10	10	[illegible]	[illegible]	2
27	10	[illegible]	[illegible]	0	[illegible]
28	11	11	20	[illegible]	26
29	11	[illegible]	[illegible]	[illegible]	[illegible]
30	0	[illegible]	[illegible]	20	[illegible]

Tabula medie elongationis lune a sole in horis

Hore	S	G	m	2	3
1	0	[illegible]	[illegible]	[illegible]	[illegible]
2	1	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	12
4	2	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	40
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	8
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	[illegible]	[illegible]	[illegible]	1
16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	[illegible]	6	[illegible]	[illegible]
18	[illegible]	[illegible]	[illegible]	1	[illegible]
19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	[illegible]	0	[illegible]	26
22	11	[illegible]	[illegible]	[illegible]	10
23	11	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	11	[illegible]	[illegible]	[illegible]
25	[illegible]	[illegible]	[illegible]	[illegible]	22
26	[illegible]	[illegible]	[illegible]	[illegible]	6
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	[illegible]	[illegible]	8	[illegible]
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	[illegible]	13	[illegible]	6

Tabula differencie motus solis et lune [illegible] in uno minuto diei

Luna media in mensibus		Motus solis in uno m° diei						Motus lune in uno m° diei				Linee in [illegible] communes				Motus solis in uno m° diei				Motus lune in uno m° diei			
S	G	S	G	M	2a	3a	4a	m	2a	3a	4a	S	G	S	G	m	2a	3a	4a	m	2a	3a	4a
0	1	5	54	0	57	1	12	11	51	9	11	0	31	5	[illegible]	0	57	13	50	12	9	51	1
0	2	5	53	0	57	1	12	11	11	25	55	0	32	5	4	0	57	18	50	12	0	55	38
0	3	5	52	0	57	1	12	11	51	9	11	0	33	5	[illegible]	0	57	18	50	12	1	38	38
0	4	5	50	0	57	2	11	11	51	25	55	0	34	5	46	0	57	19	54	12	2	18	5
0	5	5	55	0	57	2	12	11	51	25	55	0	35	5	41	0	57	20	48	12	2	35	38
0	6	5	58	0	57	1	12	11	51	42	28	0	36	5	44	0	57	26	46	12	3	[illegible]	48
0	7	5	51	0	57	2	11	11	51	42	28	0	37	5	43	0	57	26	46	12	4	11	51
0	8	5	52	0	57	1	12	11	51	42	38	0	38	5	42	0	57	27	48	12	5	5	16
0	9	5	51	0	57	1	12	11	51	59	21	0	39	5	41	0	57	27	48	12	5	38	47
0	10	5	50	0	57	2	11	11	52	16	55	0	40	5	40	0	57	28	48	12	6	12	12
0	11	5	47	0	57	1	12	11	52	16	55	0	41	5	39	0	57	28	47	12	7	2	21
0	12	5	48	0	57	2	11	11	52	33	31	0	42	5	38	0	57	29	47	12	7	52	31
0	13	5	47	0	57	2	11	11	52	50	41	0	43	5	37	0	57	30	46	12	8	42	42
0	14	5	46	0	57	2	10	11	52	50	31	0	44	5	36	0	57	31	46	12	9	34	53
0	15	5	45	0	57	2	11	11	53	22	58	0	45	5	35	0	57	32	45	12	10	24	5
0	16	5	44	0	57	3	10	11	53	39	41	0	46	5	34	0	57	33	44	12	11	13	11
0	17	5	43	0	57	2	10	11	53	56	41	0	47	5	33	0	57	38	42	12	11	46	38
0	18	5	42	0	57	3	10	11	54	13	11	0	48	5	32	0	57	[illegible]	39	12	12	53	31
0	19	5	41	0	57	4	9	11	54	30	39	0	49	5	31	0	57	39	38	12	14	0	24
0	20	5	40	0	57	4	9	11	55	3	18	0	50	5	30	0	57	41	38	12	14	55	34
0	21	5	39	0	57	4	9	11	55	20	11	0	51	5	29	0	57	42	36	12	15	40	45
0	22	5	38	0	57	6	7	11	55	13	58	0	52	5	28	0	57	42	34	12	16	47	58
0	23	5	37	0	57	5	8	11	56	[illegible]	[illegible]	0	53	5	27	0	57	43	34	12	17	41	48
0	24	5	36	0	57	10	4	11	56	4	38	0	54	5	26	0	57	49	34	12	18	44	41
0	25	5	35	0	57	12	2	11	57	16	5	0	55	5	25	0	57	[illegible]	39	12	19	4	51
0	26	5	34	0	57	11	3	11	57	33	58	0	56	5	24	0	57	57	38	12	20	3	18
0	27	5	33	0	57	12	2	11	58	7	17	0	57	5	23	0	[illegible]	[illegible]	29	12	21	31	51
0	28	5	32	0	57	12	2	11	58	57	29	0	58	5	2	0	[illegible]	[illegible]	38	12	22	55	31
0	29	5	31	0	57	13	1	11	59	20	51	0	59	5	1	0	[illegible]	[illegible]	31	12	24	2	46
0	30	5	30	0	57	17	57	11	59	0	55	0	0	5	0	0	58	0	20	12	25	9	14

Tabula [illegible] in uno minuto [illegible]

	Dies	Medius motus solis				Argumentum lune				Centrum solis				Argumentum latitudinis lune				Medius motus lune				[illegible] infra
Tempus		S	G	m	2	S	G	m	2	S	G	m	2	S	G	m	2	S	G	m	2	
Mora media	258	4	14	14	48	2	10	46	1	4	24	12	45	2	13	10	[illegible]	2	33	30	36	
Mora minima	253	4	23	4	58	7	26	44	31	1	28	4	28	0	11	48	[illegible]	7	17	9	22	
Mora maxima	248	4	43	54	58	12	38	43	0	4	30	58	8	3	30	3	8	3	14	43	6	

Tabula ad sciendum motum solis et lune in uno minuto diei

[illegible] quinimes				Motus solis in uno minuto diei				Motus lune in uno minuto diei				Lune cum communes				Motus in uno minuto diei				Motus lune in uno minuto diei			
s	g	ð	ʒ	m	2	3	4	m	2	3	4	e	g	ð	ʒ	m	2	3	4	m	2	3	4
1	1	4	59	0	58	4	16	12	[illegible]	59	28	1	31	4	29	0	59	7	21	13	5	17	18
1	2	4	58	0	58	5	15	12	27	6	21	1	32	4	28	0	59	8	20	13	7	14	21
1	3	4	57	0	58	3	17	12	28	13	15	1	33	4	[illegible]	0	59	8	20	13	8	14	21
1	4	4	56	0	58	6	15	12	29	28	8	1	34	4	[illegible]	0	59	11	17	13	9	11	25
1	5	4	55	0	58	7	14	12	30	27	1	1	35	4	[illegible]	0	59	14	15	13	11	41	25
1	6	4	54	0	58	18	4	12	31	33	55	1	36	4	[illegible]	0	59	22	7	13	14	12	25
1	7	4	53	0	58	19	3	12	32	57	[illegible]	1	37	4	23	0	59	24	6	13	15	36	1
1	8	4	52	0	58	20	2	12	34	21	[illegible]	1	38	4	22	0	59	26	4	13	16	26	11
1	9	4	51	0	58	33	49	12	35	28	1	1	39	4	21	0	59	27	5	13	16	59	38
1	10	4	50	0	58	22	1	12	36	34	[illegible]	1	40	4	20	0	59	28	2	13	18	9	58
1	11	4	49	0	58	20	2	12	37	43	48	1	41	4	19	0	59	21	27	13	20	3	35
1	12	4	48	0	58	28	55	12	39	5	25	1	42	4	18	0	59	32	58	13	21	17	11
1	13	4	47	0	58	29	54	12	40	29	1	1	43	4	17	0	59	34	57	13	23	7	31
1	14	4	46	0	58	30	53	12	41	35	55	1	44	4	16	0	59	35	56	13	25	4	35
1	15	4	45	0	58	31	52	12	42	42	48	1	45	4	15	0	59	35	56	13	27	18	21
1	16	4	44	0	58	28	55	12	44	6	25	1	46	4	14	0	59	37	54	13	28	41	55
1	17	4	43	0	58	37	4	12	45	30	1	1	47	4	[illegible]	0	59	37	54	13	29	15	25
1	18	4	42	0	58	39	45	12	46	53	38	1	48	4	12	0	59	43	50	13	31	45	55
1	19	4	41	0	58	40	44	12	48	17	15	1	49	4	11	0	59	44	46	13	33	9	51
1	20	4	40	0	58	41	43	12	50	14	18	1	50	4	10	0	59	45	47	13	34	33	8
1	21	4	39	0	58	43	42	12	51	21	11	1	51	4	9	0	59	57	47	13	36	30	11
1	22	4	38	0	58	45	40	12	52	1	31	1	52	4	8	0	59	19	35	13	37	53	48
1	23	4	37	0	58	43	42	12	53	1	31	1	53	4	7	1	0	1	33	13	38	43	58
1	24	4	36	0	58	50	36	12	54	41	51	1	54	4	6	1	0	5	30	13	40	7	35
1	25	4	35	0	58	52	34	12	56	28	55	1	55	4	5	1	0	5	30	13	41	47	55
1	26	4	34	0	58	52	34	12	58	35	18	1	56	4	4	1	0	5	30	13	42	54	48
1	27	4	33	0	58	53	33	12	59	42	51	1	57	4	3	1	0	7	28	13	45	58	47
1	28	4	32	0	58	55	31	13	0	49	45	1	58	4	2	1	0	7	28	13	47	55	48
1	29	4	31	0	58	56	29	13	3	30	5	1	59	4	1	1	0	7	28	13	[illegible]	36	8
1	30	4	30	0	58	5	23	13	3	53	41	2	0	4	0	1	0	18	28	13	50	[illegible]	37

Tabula verificata ad sciendum motum solis et lune in uno minuto diei

Lune et minuta dominices				Hora lune minuto diei				Hora lune uno minuto diei				Lune et minute				Hora solis uno minuto diei				Hora lune uno minuto diei			
S	g	S	g	m	2	3	4	m	2	3	4	S	g	S	g	m	2	3	4	m	2	3	4
2	1	3	59	1	0	18	18	13	51	33	11	2	31	3	29	1	1	13	30	44	30	11	35
2	2	3	58	1	0	18	18	13	53	13	14	2	32	3	28	1	1	13	30	44	31	24	28
2	3	3	57	1	0	19	18	13	55	10	[illegible]	2	33	3	27	1	1	13	30	44	32	44	38
2	4	3	56	1	0	20	17	13	56	34	11	2	34	3	26	1	1	14	29	44	33	21	31
2	5	3	55	1	0	20	17	13	57	15	48	2	35	3	25	1	1	14	29	44	34	11	41
2	6	3	54	1	0	33	6	13	59	21	25	2	36	3	24	1	1	14	29	44	35	18	35
2	7	3	53	1	0	34	5	13	59	54	51	2	37	3	23	1	1	14	29	44	35	35	18
2	8	3	52	1	0	34	5	14	1	1	45	2	38	3	22	1	1	14	29	44	36	25	58
2	9	3	51	1	0	36	3	14	3	32	15	2	39	3	21	1	1	14	29	44	37	15	38
2	10	3	50	1	0	37	2	14	4	55	51	2	40	3	20	1	1	15	28	44	38	5	48
2	11	3	49	1	0	37	2	14	5	46	1	2	41	3	19	1	1	15	28	44	38	55	58
2	12	3	48	1	0	39	0	14	7	26	21	2	42	3	18	1	1	15	28	44	39	12	41
2	13	3	47	1	0	39	0	14	9	23	25	2	43	3	17	1	1	16	27	44	39	46	8
2	14	3	46	1	0	39	34	14	10	30	18	2	44	3	16	1	1	16	27	44	40	46	18
2	15	3	45	1	0	40	58	14	11	53	55	2	45	3	15	1	1	27	25	44	41	9	45
2	16	3	44	1	0	40	58	14	13	0	48	2	46	3	14	1	1	22	21	44	41	[illegible]	11
2	17	3	43	1	0	41	57	14	14	41	8	2	47	3	13	1	1	22	21	44	42	59	55
2	18	3	42	1	0	41	57	14	15	31	18	2	48	3	12	1	1	24	19	44	42	[illegible]	21
2	19	3	41	1	0	53	57	14	16	54	15	2	49	3	11	1	1	25	18	44	42	50	5
2	20	3	40	1	0	53	57	14	18	18	31	2	50	3	10	1	1	26	18	44	43	23	31
2	21	3	39	1	0	54	57	14	19	25	25	2	51	3	9	1	1	27	18	44	43	40	15
2	22	3	38	1	0	57	46	14	20	49	1	2	52	3	8	1	1	27	18	44	43	50	58
2	23	3	37	1	0	55	44	14	21	39	11	2	53	3	7	1	1	27	18	44	44	13	41
2	24	3	36	1	0	57	43	14	23	2	48	2	54	3	6	1	1	27	18	44	44	30	25
2	25	3	35	1	0	58	43	14	24	9	41	2	55	3	5	1	1	28	17	44	44	30	25
2	26	3	34	1	0	58	34	14	25	16	35	2	56	3	4	1	1	30	17	44	44	30	25
2	27	3	33	1	0	9	34	14	26	23	28	2	57	3	3	1	1	30	17	44	44	27	8
2	28	3	32	1	0	9	34	14	27	30	21	2	58	3	2	1	1	30	17	44	44	27	8
2	29	3	31	1	0	9	31	14	28	37	15	2	59	3	1	1	1	30	17	44	44	27	8
2	30	3	30	1	0	12	0	14	30	0	51	2	0	3	0	1	1	30	17	44	44	27	8

Tabula veri motus luminarium in una hora et in uno minuto diei

Argumentum	Argumentum minimum	Motus solis in una hora m	2a	3a	Motus lune in una hora m	2a	3a	Motus solis in uno minuto diei m	2a	3a	Motus lune in uno minuto diei m	2a	3a
0	360	2	22	30	29	37	13	0	57	0	11	50	53
6	354	2	22	33	29	39	19	0	57	1	11	51	43
12	348	2	22	37	29	42	6	0	57	2	11	52	50
18	[illegible]	2	22	38	29	46	17	0	57	3	11	54	31
24	336	2	22	47	29	51	51	0	57	10	11	56	44
30	330	2	23	17	29	59	31	0	57	17	11	59	48
36	324	2	23	27	30	8	34	0	57	26	12	3	27
42	318	2	23	44	30	19	43	0	57	29	12	7	53
48	312	2	24	7	30	32	51	0	57	38	12	12	44
54	[illegible]	2	24	24	30	46	53	0	57	49	12	18	47
60	300	2	25	8	31	2	57	0	58	[illegible]	12	25	10
66	294	2	25	43	31	18	57	0	58	18	12	31	34
72	288	2	26	12	31	37	47	0	58	29	12	40	6
78	282	2	26	39	31	57	17	0	58	39	12	46	54
84	276	2	27	7	32	16	47	0	58	51	12	54	42
90	270	2	27	46	32	39	47	0	59	5	13	3	54
96	264	2	28	28	33	8	31	0	59	23	13	14	13
102	258	2	28	53	33	30	36	0	59	33	13	21	28
108	252	2	29	20	33	49	25	0	59	44	13	31	46
114	246	2	30	14	34	10	19	1	0	5	13	40	8
120	240	2	30	46	34	37	25	1	0	18	13	50	6
126	234	2	31	23	34	58	23	1	0	33	13	59	58
132	228	2	31	53	35	18	35	1	0	49	14	7	57
138	222	2	32	17	35	38	47	1	0	53	14	14	32
144	216	2	32	25	35	57	36	1	0	58	14	23	3
150	210	2	33	2	36	13	37	1	1	13	14	29	27
156	204	2	33	7	36	28	17	1	1	14	14	35	38
162	198	2	33	9	36	38	0	1	1	17	14	39	12
168	192	2	33	24	36	46	22	1	1	24	14	42	33
174	186	2	33	32	36	53	17	1	1	25	14	45	18
180	180	2	33	40	36	56	54	1	1	28	14	47	33

Nota [illegible]

motus solis in una hora vel in uno minuto diei [illegible]

Tabula equacionis domorum ad latitudinem 48 graduum

Equacio domorum ad signum arietis

Gradus arietis	Domus 11 [illegible]	Duodecima domus geminorum	Prima domus cancri	Secunda domus cancri	Tercia domus leonis
1	3	3	1	28	29
2	4	4	2	28	29 virgo
3	5	5	2	29	1
4	5	5	2 leo	29	1
5	6	6	3	1	2
6	7	7	3	1	3
7	7	7	3	1	3
8	8	8	4	2	4
9	9	9	4	2	4
10	10	10	5	3	5
11	11	10	5	4	5
12	12	11	6	4	6
13	13	12	7	4	7
14	13	12	7	5	8
15	14	13	7	6	10
16	14	13	8	7	10
17	15	14	8	7	11
18	16	15	9	8	12
19	16	15	9	8	13
20	17	16	10	9	14
21	18	16	10	9	14
22	19	16	10	10	15
23	20	17	11	11	16
24	21	17	11	11	17
25	21	18	11	12	17
26	22	18	12	13	18
27	23	19	12	14	19
28	24	19	13	15	31
29	25	20	14	16	22
30	25	21	14	16	22

Equacio domorum ad signum thauri

Gradus thauri	11 domus geminorum	12 domus cancri	1 domus leonis	Secunda domus leonis	3 domus virginis
1	26	21	15	17	23
2	26	22	15	17	24
3	28	23	16	18	25
4	29	23	16	19	26
5	30	23	17	20	27
6	1 gemini	25	17	20	28
7	2	26	18	21	28
8	2	26	18	22	29
9	3	27	19	23	30 libra
10	3	27	19	23	1
11	4	28	20	24	2
12	5	29	20	25	3
13	6	29	21	26	4
14	7	30	22	27	5
15	8	1 cancer	22	27	6
16	9	2	23	28	7
17	10	2	23	29	8
18	11	3	23	30	9
19	11	3	24	1 virgo	9
20	12	4	24	1	10
21	13	4	25	2	11
22	14	5	26	2	12
23	14	6	27	3	13
24	15	6	27	3	14
25	16	7	28	4	15
26	17	8	29	5	16
27	18	8	29	6	17
28	19	9	30	7	18
29	19	10	1 leo	8	19
30	20	11	2	8	20

Equacio domorum ad signum geminorum

Gradus geminorum	11 domus geminorum	12 domus cancri	1 domus leonis	2 domus virginis	3 domus libre
1	21	12	3	9	21
2	22	13	4	10	22
3	23	14	4	11	23
4	24	15	5	13	24
5	25	15	5	14	25
6	26	16	6	15	26
7	27	16	7	16	27
8	27	17	7	17	28
9	28	18	8	17	29
10	29	19	9	18	30
11	1 cancer	21	11	20	1 scorpio
12	1	21	11	21	1
13	2	22	12	21	3
14	3	23	13	22	4
15	4	24	13	23	5
16	5	25	14	24	6
17	6	26	15	26	7
18	7	27	16	27	8
19	7	28	15	28	10
20	8	29	19	29	11
21	9	29	20	30	12 sagittarius
22	10	[illegible]	21	1	13
23	12	2 leo	23	3	15
24	12	3	22	4	15
25	14	4	24	6	16
26	14	4	25	7	17
27	15	5	26	7	18
28	16	7	27	9	20
29	18	8	28	10	21
30	19	9	30	11	22

Secunda pars tabule equationis domorum ad latitudinem 48 graduum

Equatio domorum ad signum Cancri | Equatio domorum ad signum Leonis | Equatio domorum ad signum Virginis

Gradus decime domus Cancri	11 domus Cancri	12 domus Leonis	1 domus Virginis	2 domus Libre	3 domus Scorpionis
S	S	S	S	S	S
1	20	10	1	12	23
2	21	11	2	13	24
3	22	12	3	14	25
4	23	13	4	15	26
5	24	14	5	17	27
6	25	15	6	18	28
7	26	16	7	19	29
8	27	18	8	20	30 sagittarius
9	28	20	10	22	1
10	30 leo	21	11	23	2
11	1	23	13	24	3
12	2	23	14	25	4
13	3	24	16	26	5
14	4	25	16	28	7
15	4	26	18	29 scorpio	8
16	6	28	19	1	9
17	7	29	20	2	10
18	8	30 virgo	21	3	11
19	9	1	23	4	12
20	10	2	24	5	13
21	11	3	26	6	14
22	12	4	27	7	15
23	13	5	28	9	16
24	15	7	29 libra	10	17
25	16	8	[illegible]	11	18
26	17	10	2	12	19
27	18	11	4	13	20
28	19	12	5	15	21
29	21	14	7	16	22
30	22	16	8	17	23

Gradus decime Leonis	11 domus Leonis	12 domus Virginis	1 domus Libre	2 domus Scorpionis	3 domus Sagittarii
S	S	S	S	S	S
1	23	17	9	19	23
2	24	18	11	20	25
3	26	20	13	22	27
4	27	21	14	23	28
5	28	22	16	24	29 capricornus
6	30 virgo	24	18	26	1
7	1	26	20	27	2
8	2	28	21	29	3
9	3	29	23	29	4 sagittarius
10	4	30 libra	24	1	5
11	5	1	26	2	6
12	7	3	27	3	7
13	8	4	29	4	8
14	9	5	30 scorpio	5	9
15	10	7	1	7	10
16	11	8	2	8	11
17	12	0	4	9	13
18	13	10	4	10	13
19	14	11	6	11	15
20	15	12	7	12	15
21	16	13	9	13	16
22	18	15	10	1[illegible]	17
23	19	16	12	15	18
24	21	18	13	16	19
25	22	19	14	17	20
26	23	22	15	19	21
27	24	22	17	20	22
28	25	23	19	21	23
29	26	24	21	23	25
30	27	26	22	23	25

Gradus decime Virginis	11 domus Virginis	12 domus Libre	1 domus Scorpionis	2 domus Sagittarii	3 domus Capricorni
S	S	S	S	S	S
1	29	27	23	25	27
2	30	29	27	25	27
3	1 libra	1 scorpio	27	27	29
4	3	1	27	28	30 aquarius
5	4	3	30	28	1
6	5	5	1 sagittarius	30 capricornus	2
7	7	6	2	1	3
8	7	7	3	2	4
9	9	9	5	4	5
10	10	10	5	5	7
11	11	11	7	7	7
12	12	12	8	7	8
13	13	13	10	8	10
14	14	14	11	9	10
15	15	15	12	12	11
16	16	16	13	12	13
17	17	17	15	13	13
18	19	19	15	13	15
19	20	21	17	15	16
20	21	21	17	15	17
21	22	22	19	19	18
22	24	25	21	19	19
23	25	25	22	19	21
24	26	27	23	21	21
25	27	26	25	23	23
26	29	29	25	22	24
27	[illegible]	[illegible]	26	25	24
28	1 scorpio	1 sagittarius	29	26	27
29	2	3	29	27	28
30	3	3	1 capricornus	28	29

Tabula possibilitatis eclipsis solis et lune meridiei cum argumento latitudinis

	S	Gradus				Gradus				Gradus				
0 0	5	49	50	51	52	53	54	55	56	57	58	59	60	Lune incipit
Lune	0	1	2	3	4	5	6	7	8	9	10	11	12	Lune incipit
Solis	2	49	50	51	52	53	54	55	56	57	58	59	60	Lune finiunt
0 0	3	1	2	3	4	5	6	7	8	9	10	11	12	Lune incipit

Tercia pars tabule equacionis domorum ad latitudinem 48 graduum

Equacio de Sagittario

Gradus signi	Gradus xi domus	Gradus xii domus	Gradus ascendentis	Gradus ii domus	Gradus iii domus
G	G	G	G	G	G
1	4	5	2	29	29 aquarius
2	5	5	3	1	30
3	6	7	4	1	1 pisces
4	7	8	5	2	2
5	8	9	7	3	3
6	9	10	8	4	4
7	10	11	9	5	5
8	11	13	11	7	6
8	12	14	12	8	8
9	13	15	13	9	9
10	14	16	14	10	10
11	15	17	15	11	11
12	17	19	17	13	12
13	18	19	18	14	13
14	19	21	20	15	15
15	20	21	21	17	16
16	22	23	22	18	17
17	23	24	23	19	18
18	24	25	24	20	19
19	25	26	26	22	20
20	26	27	27	23	22
21	26	28	28	24	23
22	27	29	30	25	24
23	28	30	1 aquarius	27	25
24	30	[illegible]	2	28	26
25	1	2	3	29	27
26	2	3	5	30	28
28	2	4	6	1 pisces	29
29	3	6	7	3	30 aries
30	4	7	8	4	1

Eq. domorum Capricorni

Gradus signi	Gradus xi domus	Gradus xii domus	Gradus ascendentis	Gradus ii domus	Gradus iii domus
G	G	G	G	G	G
1	5	8	10	6	3
2	7	9	11	8	5
3	8	10	13	8	6
4	9	11	14	9	7
5	10	12	16	10	8
6	11	13	17	12	10
7	12	14	18	13	11
8	13	15	19	14	12
9	14	17	20	16	13
10	15	18	22	17	14
11	16	19	24	19	15
12	17	20	25	20	17
13	18	22	27	21	18
14	19	23	28	23	20
15	20	24	30	24	21
16	21	25	1 pisces	26	22
17	22	26	3	27	23
18	23	28	4	28	25
19	24	29	5	29	26
20	25	30	6	30	27
21	26	1 aq	8	1 aries	28
22	27	2	9	3	29
23	28	3	11	5	30
24	29	4	12	6	1 taurus
25	30	6	14	8	2
26	1 cap	7	16	9	3
27	2	8	17	10	4
28	3	9	18	11	5
29	4	10	20	13	7
30	5	12	21	14	8

Eq. domorum Aquarii

Gradus signi	Gradus xi domus	Gradus xii domus	Gradus ascendentis	Gradus ii domus	Gradus iii domus
G	G	G	G	G	G
1	5	13	23	16	10
2	7	14	24	18	11
3	9	16	26	19	12
4	10	17	27	20	13
5	11	18	28	22	14
6	12	19	30	23	15
7	13	20	2 aries	24	16
8	14	21	3	25	17
9	15	23	5	26	18
10	16	24	6	27	19
11	17	26	8	29	21
12	18	27	9	30	22
13	19	28	10	1 cancer	23
14	20	29	11	2	24
15	21	1 pisces	13	4	26
16	22	2	14	5	26
17	23	3	16	6	27
18	24	4	17	8	29
19	26	5	18	9	30
20	27	6	20	10	1 gemini
21	28	8	21	11	2
22	29	9	23	12	3
23	1 aquarius	10	24	13	4
24	2	11	25	14	5
25	3	12	26	15	6
26	3	14	27	17	7
27	6	15	29	18	8
28	5	16	30	20	9
29	6	18	1 taurus	21	10
30	7	19	2	22	11

Quarta pars tabule equationis domorum ad latitudinem 48 graduum

Equatio capricornii

1 Ascen. capri.	2 Dom aquarii	3 Dom piscium	4 Dom arietis	5 Dom thauri	6 Dom geminorum
G	G	G	G	G	G
1	9	20	4	23	12
2	10	21	5	24	13
3	11	22	6	25	14
4	12	23	7	26	15
5	13	24	8	27	16
6	14	25	9	28	17
7	15	26	10	29	18
8	16	27	11	30	19
9	17	28	12	[illegible] [geminj]	20
10	18	29	13	2	21
11	19	1 [aries]	14	3	22
12	20	2	15	4	23
13	21	3	16	5	24
14	22	5	16	6	25
15	24	6	18	7	26
16	25	7	18	8	27
17	26	8	20	9	28
18	27	9	20	10	29
19	28	10	22	11	30
20	29	11	22	12	1 [cancer]
21	30	12	22	13	2
22	1 [pisc.]	[illegible]	23	14	3
23	2	14	24	14	3
24	3	15	25	15	4
25	4	16	26	16	5
26	5	17	26	16	6
27	6	18	28	17	7
28	7	19	28	18	8
29	8	20	29	19	8
30	9	21	30	19	9

Equatio aquarii

1 Ascen. aquarii	2 Dom piscis	3 Dom arietis	4 Dom thauri	5 Dom geminorum	6 Dom cancri
G	G	G	G	G	G
1	10	22	1	20	10
2	11	23	1	21	11
3	12	24	2	22	12
4	13	25	2	23	13
5	14	26	3	24	14
6	15	27	4	24	15
7	16	28	5	25	16
8	17	20	5	25	16
9	18	29	6	26	17
10	19	30	7	27	18
11	20	1 [piscium]	8	28	19
12	21	2	8	28	20
13	22	3	9	29	21
14	23	3	9	29	22
15	24	4	10	30	[illegible]
16	25	5	11	1 [cancer]	[illegible]
17	26	6	11	1	24
18	26	6	11	2	24
19	27	7	12	3	25
20	28	8	12	3	26
21	29	9	13	4	27
22	30	10	14	4	28
23	1 [aries]	10	14	5	29
24	2	11	15	6	30
25	3	12	15	7	1 [leo]
26	4	12	16	7	1
27	5	13	16	8	2
28	6	13	17	8	3
29	9	14	17	9	4
30	8	15	18	10	5

Equatio domorum in signum piscium

1 Ascen. piscis	2 Dom arietis	3 Domus thauri	4 Dom geminorum	5 Dom cancri	6 Dom leonis
G	G	G	G	G	G
1	9	16	18	11	5
2	10	16	18	11	6
3	11	17	19	12	7
4	12	18	20	12	8
5	12	19	21	13	9
6	13	19	21	14	10
7	14	20	21	15	11
8	15	21	22	15	11
9	16	22	22	16	12
10	17	22	23	16	13
11	13	23	23	17	14
12	15	23	24	17	14
13	19	24	24	18	15
14	20	24	24	19	16
15	21	25	25	19	17
16	22	25	25	19	18
17	22	26	26	20	19
18	23	27	26	21	19
19	24	28	27	22	20
20	25	28	27	22	21
21	26	29	27	22	22
22	27	29	28	23	23
23	28	30	28	24	22
24	28	[arietis]	29	24	24
25	29	1	29	25	25
26	30	2	30	25	25
27	1 [thauri]	2	30	26	26
28	2	3	1 [cancer]	27	27
29	3	4	1	28	28
30	4	4	2	28	29

Tabula eclypsis lunaris ad longitudinem longiorem in epiciclo

Argumentum latitudinis septentrionale				Argumentum latitudinis meridionale				puncta eclypsis		minuta casus		minuta dimidie more			
g	m	g	m	g	m	g	m	g	m	g	m	g	m	g	m
11	0	169	0	191	0	349	0	0	0	0	0	0	0	0	0
10	30	169	30	190	30	349	30	0	40	12	10	0	0	0	0
10	0	170	0	190	0	350	0	1	40	19	30	0	0	0	0
9	30	170	30	189	30	350	30	2	40	24	32	0	0	0	0
9	0	171	0	189	0	351	0	3	35	28	7	0	0	0	0
8	30	171	30	188	30	351	30	4	32	31	13	0	0	0	0
8	0	172	0	188	0	352	0	5	30	34	10	0	0	0	0
7	30	172	30	187	30	352	30	6	25	30	21	0	0	0	0
7	0	173	0	187	0	353	0	7	23	38	42	0	0	0	0
6	30	173	30	186	30	353	30	8	21	40	28	0	0	0	0
6	0	174	0	186	0	354	0	9	20	42	11	0	0	0	0
5	30	174	30	185	30	354	30	10	17	42	36	0	0	0	0
5	0	175	0	185	0	355	0	11	14	44	52	0	0	0	0
4	30	175	30	184	30	355	30	12	11	42	4	0	0	0	0
4	0	176	0	184	0	356	0	13	9	36	42	10	21	0	0
3	30	176	30	183	30	356	30	14	7	34	1	13	47	0	0
3	0	177	0	183	0	357	0	15	4	32	44	15	48	0	0
2	30	177	30	182	30	357	30	16	2	31	38	17	38	0	0
2	0	178	0	182	0	358	0	17	0	30	31	19	14	0	0
1	30	178	30	181	30	358	30	17	57	29	3	20	12	0	0
1	0	179	0	181	0	359	0	18	53	29	52	20	52	0	0
0	30	179	30	180	30	359	30	19	50	29	19	21	16	0	0
0	0	180	0	180	0	360	0	20	46	0	46	21	22	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Tabula eclipsis lune [illegible] in longitudine media [illegible] [illegible]

Marg.	Numerus latitudinis lune		Argumentum latitudinis [illegible]						Puncta eclipsis		Minuta casus		Minuta dimidie more			
	g	m	grad	m	g	m	g	m	g	m	g	m	g	m	g	m
	13	0	167	0	193	0	347	0	0	[illegible]	14	27	0	0	0	0
	12	30	167	30	192	30	347	30	1	12	[illegible]	22	0	0	0	0
	12	0	168	0	192	0	348	0	2	[illegible]	[illegible]	[illegible]	0	0	0	0
	11	30	168	30	191	30	348	30	2	10	[illegible]	23	0	0	0	0
	11	0	169	0	191	0	349	0	3	26	[illegible]	21	0	0	0	0
	10	30	169	30	190	30	349	30	4	[illegible]	[illegible]	0	0	0	0	0
	10	0	170	0	190	0	350	0	5	[illegible]	[illegible]	[illegible]	0	0	0	0
	9	30	170	30	189	30	350	30	[illegible]	10	[illegible]	26	0	0	0	0
	9	0	171	0	189	0	351	0	6	[illegible]	[illegible]	21	0	0	0	0
	8	30	171	30	188	30	351	30	7	[illegible]	[illegible]	24	0	0	0	0
	8	0	172	0	188	0	352	0	8	31	[illegible]	28	0	0	0	0
	7	30	172	30	187	30	352	30	9	[illegible]	[illegible]	6	0	0	0	0
	7	0	173	0	187	0	353	0	10	11	42	[illegible]	0	0	0	0
	6	30	173	30	186	30	353	30	10	[illegible]	[illegible]	9	0	0	0	0
	6	0	174	0	186	0	354	0	11	[illegible]	[illegible]	20	0	0	0	0
4	5	30	174	30	185	30	354	30	12	27	[illegible]	[illegible]	0	0	0	0
4	5	0	175	0	185	0	355	0	13	24	[illegible]	[illegible]	14	0	0	0
	4	30	175	30	184	30	355	30	13	29	[illegible]	[illegible]	17	[illegible]	0	0
	4	0	176	0	184	0	356	0	14	0	[illegible]	[illegible]	[illegible]	[illegible]	0	0
3	3	30	176	30	183	30	356	30	14	[illegible]	[illegible]	10	[illegible]	[illegible]	0	0
3	3	0	177	0	183	0	357	0	15	[illegible]	[illegible]	[illegible]	[illegible]	32	0	0
2	2	30	177	30	182	30	357	30	17	[illegible]	0	[illegible]	[illegible]	[illegible]	0	0
2	2	0	178	0	182	0	358	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	0
1	1	30	178	30	181	30	358	30	19	0	[illegible]	[illegible]	[illegible]	[illegible]	0	0
1	1	0	179	0	181	0	359	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	0	0
	0	30	179	30	180	30	359	30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16	0	0
	0	0	180	0	180	0	360	0	21	[illegible]	[illegible]	[illegible]	[illegible]	24	0	0
	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Tabula ad sciendum plenam [illegible] [illegible] ... [illegible]

Tempus [illegible] ... [illegible]

Dies a creatione	Tempus occultationis morte: Dies	H	M	Tempus morte meridianalis: Dies	Hore	M	Dies a creatione	Tempus morte [illegible]: Dies	H	M	Tempus morte orientalis: Dies	H	M
1	259	15	4	273	7	4	31	262	21	41	[illegible]	[illegible]	[illegible]
2	259	16	53	273	8	53	32	262	23	31	[illegible]	[illegible]	[illegible]
3	259	18	43	273	10	43	33	263	1	24	[illegible]	17	[illegible]
4	259	20	32	273	12	32	34	263	3	12	[illegible]	19	[illegible]
5	259	22	21	273	14	21	35	263	5	1	[illegible]	21	[illegible]
6	260	0	11	273	16	11	36	263	6	51	[illegible]	22	[illegible]
7	260	2	0	273	18	0	37	263	8	40	[illegible]	0	40
8	260	3	49	273	19	49	38	263	10	29	246	2	29
9	260	5	39	273	21	39	39	263	12	19	246	4	19
10	260	7	28	273	23	28	40	263	14	[illegible]	[illegible]	[illegible]	[illegible]
11	260	9	17	274	1	17	41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	260	11	7	274	3	7	42	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	260	12	56	274	4	56	43	[illegible]	[illegible]	[illegible]	[illegible]	11	36
14	260	14	45	274	6	45	44	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	260	16	35	274	8	35	45	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	260	18	24	274	10	24	46	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	260	20	13	274	12	13	47	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	260	22	3	274	14	3	48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	260	23	52	274	15	52	49	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	261	1	41	274	17	41	50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	261	3	31	274	19	31	51	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	261	5	20	274	21	20	52	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	261	7	9	275	23	9	53	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	261	8	59	275	10	59	54	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25	261	10	48	275	2	48	55	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26	261	12	37	275	4	37	56	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	261	14	26	275	6	26	57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	261	16	16	275	8	16	58	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	261	18	5	275	10	5	59	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	261	19	55	275	11	55	60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Dies a creatione	Tempus morte occidentalis: Dies	H	M	Tempus morte orientalis: Dies	H	M
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Residuum tabule

Tabula ad sciendum tempus recepcionis vel more in ventre matris vel exitus de utero matris

[illegible]	Tempus more occidentalis dies	h	m	Tempus more orientalis dies	h	m
91	266	11	4	280	3	4
92	266	12	53	280	4	53
93	266	14	43	280	6	42
94	266	16	32	280	8	32
95	266	18	21	280	10	20
96	266	20	11	280	12	10
97	266	22	0	280	14	0
98	266	23	49	280	15	49
99	267	1	38	281	17	38
100	267	3	28	281	19	28
101	267	5	17	281	21	17
102	267	7	7	281	23	6
103	267	8	56	281	0	56
104	267	10	45	281	2	45
105	267	12	34	281	4	34
106	267	14	24	281	6	14
107	267	16	13	281	8	13
108	267	18	3	281	10	2
109	267	19	52	281	11	52
110	267	21	41	281	13	41
111	267	23	31	281	15	30
112	268	1	20	281	17	20
113	268	3	9	281	19	9
114	268	4	59	281	20	58
115	268	6	48	281	22	47
116	268	8	37	282	0	36
117	268	10	26	282	2	25
118	268	12	16	282	4	15
119	268	14	5	282	6	4
120	268	15	55	282	7	53

[illegible]	Tempus more occidentalis dies	h	m	Tempus more orientalis dies	h	m
121	268	17	44	282	9	44
122	268	19	33	282	11	33
123	268	21	23	282	13	23
124	268	23	12	282	15	12
125	269	1	1	282	17	1
126	269	2	51	282	18	51
127	269	4	40	282	20	40
128	269	6	29	283	22	29
129	269	8	19	283	0	19
130	269	10	8	283	2	8
131	269	11	57	283	3	57
132	269	13	47	283	5	47
133	269	15	36	283	7	36
134	269	17	25	283	9	25
135	269	19	15	283	11	15
136	269	21	4	283	13	4
137	269	22	53	283	14	53
138	270	0	43	283	16	43
139	270	2	32	283	18	32
140	270	4	21	283	20	21
141	270	6	11	284	22	10
142	270	8	0	284	0	0
143	270	9	49	284	1	49
144	270	11	39	284	3	39
145	270	13	28	284	5	28
146	270	15	17	284	7	17
147	270	17	7	284	9	7
148	270	18	56	284	10	56
149	270	20	45	284	12	45
150	270	22	35	284	14	34

[illegible]	Tempus more occidentalis dies	hore	m	Tempus more orientalis dies	h	m
151	271	0	24	280	16	24
152	271	2	13	280	18	13
153	271	4	3	280	20	3
154	271	6	52	280	21	52
155	271	7	41	284	23	41
156	271	9	31	285	1	31
157	271	11	20	285	3	20
158	271	13	9	285	5	9
159	271	14	59	285	6	59
160	271	16	48	285	8	48
161	271	18	37	285	10	37
162	271	20	27	285	12	27
163	271	22	16	285	14	16
164	272	0	5	285	16	5
165	272	1	55	285	17	55
166	272	3	44	285	19	44
167	272	5	33	285	21	33
168	272	7	23	285	23	23
169	272	9	12	286	1	12
170	272	11	1	286	3	1
171	272	12	51	286	4	51
172	272	14	40	286	6	4
173	272	16	29	286	8	29
174	272	18	19	286	10	19
175	272	20	8	286	12	8
176	272	21	57	286	13	57
177	272	23	46	286	15	46
178	273	1	35	286	17	35
179	273	3	25	286	19	25
180	273	5	14	286	21	14

Tabula ad sciendum quantum vadit luna in diebus more

Dies	Medius motus lune S	G	M	2a	Argumentum lune S	G	M	Longitudo duplex lune S	G	M
259	5	22	40	34	4	13	50	0	14	48
260	6	5	51	9	5	0	54	7	9	11
261	6	19	1	44	5	10	58	8	3	34
262	7	2	12	10	6	3	2	8	27	57
263	7	15	13	45	6	16	5	9	22	20
264	7	28	33	24	6	29	9	10	16	31
265	8	11	44	3	7	12	15	11	11	6
266	8	24	55	38	7	25	7	0	5	28
267	9	8	5	12	8	18	21	0	29	51
268	9	21	17	47	8	21	27	1	24	13
269	10	4	26	22	9	4	29	2	18	32
270	10	17	38	57	9	17	32	3	12	54
271	11	0	47	32	10	0	37	4	11	22
272	11	13	58	8	10	13	41	5	1	47
273	11	27	8	42	10	26	44	5	25	8
274	0	10	19	17	11	9	48	6	20	31
275	0	23	29	52	11	22	52	7	14	57
276	1	6	40	26	0	5	56	8	9	10
277	1	19	51	1	0	19	0	9	3	40
278	2	3	1	36	1	2	4	9	28	0
279	2	16	12	11	1	15	8	10	21	25
280	2	19	22	46	1	28	11	10	16	45
281	3	12	33	21	2	11	16	0	11	11
282	3	25	43	56	2	24	20	1	5	34
283	4	8	54	31	3	7	24	1	29	57
284	4	22	5	6	3	20	27	2	24	19
285	5	5	15	41	4	3	31	3	18	41
286	5	18	26	16	4	16	35	4	13	6

Tabula ad sciendum quantum vadit luna in hora more

Hore	Medius motus lune S	G	M	2a	Argumentum lune S	G	M	Longitudo duplex lune S	G	M
1	0	0	32	56	0	0	32	0	1	0
2	0	1	5	52	0	1	5	0	2	1
3	0	1	38	49	0	1	38	0	3	3
4	0	2	11	45	0	2	11	0	4	3
5	0	2	44	42	0	2	43	0	5	4
6	0	3	17	38	0	3	16	0	6	5
7	0	3	50	35	0	3	48	0	7	6
8	0	4	23	31	0	4	21	0	8	7
9	0	4	56	28	0	4	54	0	9	8
10	0	5	29	24	0	5	26	0	10	9
11	0	6	2	21	0	5	59	0	11	10
12	0	6	35	17	0	6	31	0	12	10
13	0	7	8	14	0	7	4	0	13	11
14	0	7	41	10	0	7	36	0	14	12
15	0	8	14	7	0	8	9	0	15	13
16	0	8	47	3	0	8	42	0	16	14
17	0	9	20	0	0	9	14	0	17	15
18	0	9	52	56	0	9	47	0	18	16
19	0	10	25	53	0	10	20	0	19	17
20	0	10	58	49	0	10	52	0	20	18
21	0	11	31	46	0	11	25	0	21	19
22	0	12	4	42	0	11	58	0	22	20
23	0	12	37	39	0	12	30	0	23	21
24	0	13	10	35	0	13	3	0	24	22
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0

	Longitudo			Latitudo			Mag.do		Longitudo			Latitudo			Magnitudo	
	s	g	mi	g	mi				s	g	mi	g	mi			
	0	22	32	7	20	No	5		3	[illegible]	12	1	0	No	4	
	0	24	32	8	20	No	5		3	25	2	7	30	No	4	
	2		m						17	sat		m				
	0	28	12	7	10	No	4		3	25	12	11	20	No	4	
	0	29	2	6	0	No	4		4	4	12	5	30	No	4	
	3		mir						16	lu		m				
	1	2	42	5	15	mer	4		3	18	12	0	4	No		
	1	5	5	1	10	mer	5		17	mir		[illegible]				Melief
	1	7	32	1	20	mer	5		3	28	12	2	6	No	4	
4	1	5	12 Ge	4	10	No	5		3	29	12	0	10	No	4	Alsim
	1	11	32	1	40	No	4		18	sa		mir				
	1	13	12	2	30	No	4		4	12	2	9	30	No	3	
	1	14	12	1	10	No	4		4	12	2	12	0	No	3	
	4		Ge						19	sa		m				
	1	16	32	9	30	mer	5		4	18	2	11	0	No	3	
	1	21	12	8	0	mer	3		4	18	12	4	30	No	3	
6	1	20	lu	4	30	No	5		4	20	2	7	0	No	2	
	1	20	32	4	40	No	5		20	mir		lu				
	1	20	32	5	20	No	5		4	24	2	0	10	No	1	Almalafi
	1	21	32	5	2	No	5		21	Ge		sat				
7	1	0	32 mir	5	10	No	1		4	24	12	12	15	No	5	
Dubra	8		sat		[illegible]				5	2	12	11	30	No	2	
	1	26	12	5	15	No	3		5	2	12	11	30	No	1	
	1	28	42	5	40	mer	3		5	4	12	9	40	No	3	
	1	29	42	3	0	mer	3		5	12	12	12	40	No	1	
	2	3	32	4	0	No	4 mu		22	Ge		m				
	9		mir						5	5	12	3	40	No	3	
	2	7	12	3	30	mer	5		5	8	12	1	0	No	5	
	2	8	12	5	0	mer	5		5	9	2	0	40	No	4	
	2	13	32	5	0	No	5		5	9	12	10	15	No	4	
	2	17	2	2	30	mer	3		23	m		mar				
	10		m						5	14	12	4	25	No	[illegible]	
	2	22	12	1	30	mer	4		24	m	sat					
	2	20	2	1	15	mer	4		5	14	2	5	40	No	[illegible]	
	2	25	2	3	30	mer	4		5	16	2	0	0	No	5	
	2	29	12	7	10	mer	4		5	18	2	5	30	No	5	
	3	2	32	10	40	mer	4		25	sat		Ge				
	11		sat						5	[illegible]		1	10	No	1	
	3	0	32	5	30	No	2		6	1	2	2	40	No	4	
	12		mar			No			26	Ge		m				
Alnaar	3	11	12	9	40	No	2		6	0	2	15	0	No	[illegible]	Alnaaidy
	13		mir									m				
[illegible]les	3	18	12	6	5		2									

	longitudo			latitudo		magnitudo	longitudo			latitudo			magnitudo
	s	g	m	g	m								
Alhemiet	6	19	2 Ro	2	0	1	9	9	32	2	3	mi	8
	24	ju		mer			9	11	32	2	1	mi	4
	6	[illegible]	Ro	4	30	8	39	ju		sat			
Anno domini [illegible]	6	[illegible]	Ro	2	30	8	9	2	32	18	0	mi	2
[illegible]	6	[illegible]	Ro	0	30	8	9	7	32	[illegible]	0	mi	2
[illegible]	6	0	Ro	9	30	8	9	12	32	19	0	mi	1
[illegible]	28	ju	Ro	mer			40	ve		sat			
[illegible]	6	7	Ro	3	30	2	9	16	22	7	30	mi	7
[illegible]	6	10	Ro	3	30	2	9	16	22	8	30	mi	7
[illegible]	29	sa		mer			9	16	22	8	30	mi	7
[illegible]	6	9	Ro	1	17	8	9	18	32	6	16	mi	7
[illegible]	6	11	Ro	2	30	8	41	mar		ve			
[illegible]	6	19	Ro	[illegible]	[illegible]	8	9	27	12	2	20	mi	3
[illegible]	6	20	12	8	30	8 Ro	9	27	12	7	0	Ro	3
[illegible]	30	mar		sat			9	30	12	1	30	Ro	6
	6	[illegible]		1	[illegible]	7 mi	9	22	12	0	19	Ro	6
	6	[illegible]		7	0	7 mi	42	mar		ve			
	6	[illegible]		1	30	7 Ro	9	29	[illegible]	3	10	mi	8
	31	mar		ju			10	8	32	4	20	mi	8
	8	0	[illegible]	8	0	2 mi	10	8	2	6	7	mi	8
	32	sa		ve			10	8	32	2	0	mi	7
	8	9	12	17	0	8 mi	43	sa		ve			
	8	11	12	18	30	3 mi	10	12	22	2	10	Ro	3
	8	16	[illegible]	18	30	3 mi	10	18	12	[illegible]	0	Ro	8
	8	17	32	19	[illegible]	3 mi	10	8	32	2	20	mi	8
	8	16	22	19	30	3 mi	10	17	32	2	30	mi	3
	33	ve		mar			44	sa		ve			
	8	18	22	19	0	8 mi	10	2	32	8	8	Ro	3
	8	17	22	17	20	3 mi	10	8	2	3	0	Ro	8
	34 mar	9	2	19	19	2 mi	10	18	22	3	30	Ro	3
	35	sat		luna			10	18	32	14	18	Ro	8
	8	22	32	5	[illegible]	7 mi	45	ve		sa			
				ju			10	19	12	4	0	mi	8
	9	0	12	3	30	8 mi	10	19	32	4	30	mi	8
				mar			10	[illegible]	[illegible]	3	0	mi	7
	9	22	22	2	0	8 Ro	46	sat		ju			
	9	22	32	1	30	3 mi	11	2	32	1	0	mi	8
	36	ju		sol			11	0	12	11	30	mi	8
	9	4	2	11	30	11 mi	11	8	32	0	2	mi	8
	38	ju		mar			11	3	12	14	8	mi	2
	9	8	12	6	24	7 mi	47	sa	ve				
							11	9	32	9	18	Ro	8
							11	19	2	11	0	Ro	2

Longitudo Latitudo Magnitudo Longitudo Latitudo Magnitudo

S	g	m	g	m		Mag.
11	13	52	0	20	Ro	4
48	In		mi			
1	13	52	4	30	Ro	4
11	17	32	12	30	Ro	4
49	sa		mi			
11	32	52	6	30	Ro	4
11	8	52	5	44	Ro	6
50	In		Be			
0	27	12	15	20	Ro	4
0	20	2	17	0	Ro	4
51	sa		In			
0	13	32	14	20	Ro	4
0	14	12	13	0	Ro	4
0	15	32	12	0	Ro	4
52	mir		mi			
0	20	22	8	30	mi	3

Sequitur de dispositione stellarum fixarum existentium in parte Nortis

					Mag.
1	sa				
4	5	2	72	50	2
4	14	2	74	50	2
2	In		Be		
5	[illegible]	2	53	30	2
5	5	52	55	40	2
5	17	42	54	0	2
3	sa		mi		
[illegible]	26	72	84	50	3
5	27	52	88	0	3
4	sa		In		
3	4	32	60	0	3
3	27	22	71	10	4
[illegible]	27	12	72	0	4
5	sa		mir		
7	24	2	53	30	4
8	24	42	54	10	3
0	11	52	55	50	3
8	[illegible]	1	60	20	4
6	Be		mi		
6	[illegible]	32	40	10	4
7	[illegible]	12	44	30	2
7	[illegible]	2	44	44	4
7	7	2	44	50	4
7	[illegible]	12	28	0	[illegible]
8	8	Be	mi		

forte

forma

					Mag.
0	5	12	62	0	1
9	sa		In		
1	17	22	23	0	2
10	mir		mi		
1	22	42	30	0	2
11	mir		mi		
2	12	52	22	30	1
12	sa		In		
8	12	44	30	0	3
13	sa		In		
7	12	12	25	20	3
7	12	42	20	30	4
7	14	12	24	0	3
7	10	32	15	30	4
14	mir		Be		
[illegible]	24	32	39	10	6
[illegible]	20	2	39	10	4
15	In		mir		
9	21	42	29	10	2
16	sa		mir		
10	0	22	32	0	
10	8	2	33	50	3
10	9	12	32	0	3
10	11	22	32	10	3
17	mir		mi		
0	15	2	1	[illegible]	2
11	20	[illegible]	31	0	2
18	mir		Be		
0	13	52	15	7	3
0	14	42	30	7	3
0	19	32	4	50	3
0	15	32	22	0	3
19	mi				
0	28	52	16	30	3
1	3	42	20	45	3

Sequitur de dispositionibus stellarum fixarum existentium in parte meridionali

					Mag.
1					
10	9	42	16	30	4
10	13	2	15	0	4
10	16	42	14	0	4
10	18	32	20	0	4
2	sa				
0	12	52	2[illegible]	0	2
3	mir		mer		
2	19	52	17	0	1

Alhimech

Canczir

Alhaiaeth

Cum [illegible]

Longitudo s	g	m	Latitudo g	m	Magnitudo
				mer	
4	7	42	31	30	1
2	13	12	24	10	2
2	17	12	24	40	2
2	16	2	30	40	2
5		Ju			
0	19	2	53	50	1
6		sa			
2	5	12	31	40	4
7		sa		mer	
2	12	42	44	30	3
2	15	32	43	[illegible]	3
8		ve			
2	11	52	57	40	2
2	16	52	59	40	2
3	5	Ju 32	39	10	1
3	7	52	37	0	4
10		sa		mer	
2	19	22	19	0	4
2	17	2	16	0	1
11		sa	Ju mer		
4	17	52	20	20	2
4	23	52	26	30	4
4	26	32	26	0	4
12 14		vepa	in Ju		
5	17	52	18	0	4
5	17	52	18	30	4
5	20	22	19	30	4
13		sa		mer	
6	2	12	14	40	3
6	6	12	14	5	3
14		sa		Ju	
3	3	2	64	0	1
15		mi		ve	
9	4	2	57	44	3
7	3	32	32	[illegible]	3
16		ve		Ju	
0	26	12	44	10	1
5	27	52	51	10	2
7	29	2	57	40	2
7	3	12	51	40	2
7	12	2	42	20	2

Longitudo s	g	m	Latitudo g	m	Magnitudo
				mi	
7	13	42	29	10	3
1	17	52	24	10	3
18		sa		mi	
9	4	12	17	20	4
9	4	42	16	0	4
9	5	12	17	10	4
19		Ju		mi	
8	8	12	30	20	4
3	12	52	33	20	4
6	13	2	34	10	4

[illegible] locorum stellarum fixarum secundum tabulas alfonsinas [illegible] et [illegible] gradum [illegible] quo celum

[illegible] annis [illegible] verificata

			latitudo			declinatio ab equinoctiali			
		g m	g	m		g m		g m	
aldebaran	Thau 27	47	5	10	meri	14 41	Sept	64 24	
Rygel algebar	Gemi 4	57	31	50	meri	10 10	meri	64 49	
alhaiok	Gemi 10	7	22	50	Sept	44 34	Sept	6 28	
Thauft yp algebar	Gemi 10	57	17	0	meri	5 59	Sept	75 30	
Asaare alhabor	Canc 2	47	39	10	meri	15 38	meri	92 5	
Asaare algumaiza	Canc 14	17	16	10	meri	6 43	Sept	102 17	
Calbalazet	Leo 17	57	0	10	Sept	15 51	Sept	140 13	
alchimec alazel	Libra 11	47	2	0	meri	6 26	meri	169 36	
alchimec arimec	Libra 12	7	31	50	Sept	24 25	Sept	204 46	
almazel alimaza	Capr 2	27	62	0	Sept	38 27	Sept	271 20	
nazel altayr	Capr 17	30	29	10	Sept	6 34	Sept	287 37	
famohaut algenupta	Aq 9	21 57	23	0	meri	37 49	meri	334 21	
nazel mic	Aries 2	27	26	0	Sept	34 39	Sept	370 4	
alrazaut	Tham 14	37	23	0	Sept	30 4	Sept	302 44	
nazathon alimaltek	Canc 8	17	9	0	Sept	12 47	Sept	147 32	
inzatgomion	Canc 11	37	0	17	Sept	29 16	Sept	103 17	
calbalaarab	Scorp 24	47	3	0	meri	22 38	meri	124 24	
[illegible]	Cap 1	57	18	0	meri	41 33	meri	242 26	
areep [illegible]	Cap 2	40	23	0	meri	60 32	meri	25[?] 37	
[illegible] adgebar	Aqua 34	17	60	0	Sept	4[?]	Sept	302 51	
mabap alphephani	Pisc 17	17	31	0	Sept	23 18	Sept	334 21	
[illegible]	Aries 18	43	26	20	Sept	31 18	Sept	4 31	
[illegible] algurab	Virgo 24	11	19	40	meri	17 39	meri	170 39	
[illegible]	Aries 22	37	8	50	Sept	10 12	Sept	17 5	
[illegible]	Gemi 10	37	8	0	Sept	30 4	Sept	67 37	
mongaf henahen	Gemi 29	37	10	50	meri	12 43	Sept	89 32	
[illegible]	Sagit 9	27	33	0	meri	13 39	Sept	277 0	
[illegible] alfaraz	Aqua 20	8	22	50	Sept	0 52	Sept	317 20	
[illegible]	Pisc 20	37	20	20	meri	22 19	meri	0 51	
[illegible] alwab	Sagit 12	27	13	0	meri	37 22	meri	258 47	
[illegible] aldigega	Aqua 25	7	60	47	Sept	30 33	Sept	302 4	
[illegible]	Gemi 11	44	13	50	Sept	8 37	Sept	74 27	
[illegible]	Canc 27	17	0	40	Sept	21 51	Sept	147 20	
[illegible]	Capr 0	11	0	45	meri	22 43	meri	270 4	
	longitudo stellarum		partes latitudinis			pars declinationis		gradus cum quo celum mediant	

Tabula longitu[dinis] regionum que est elongatio ea[rum] ab occidente et latitu[dinis] ea[rum] que est altitudo axis a septentrione super eas

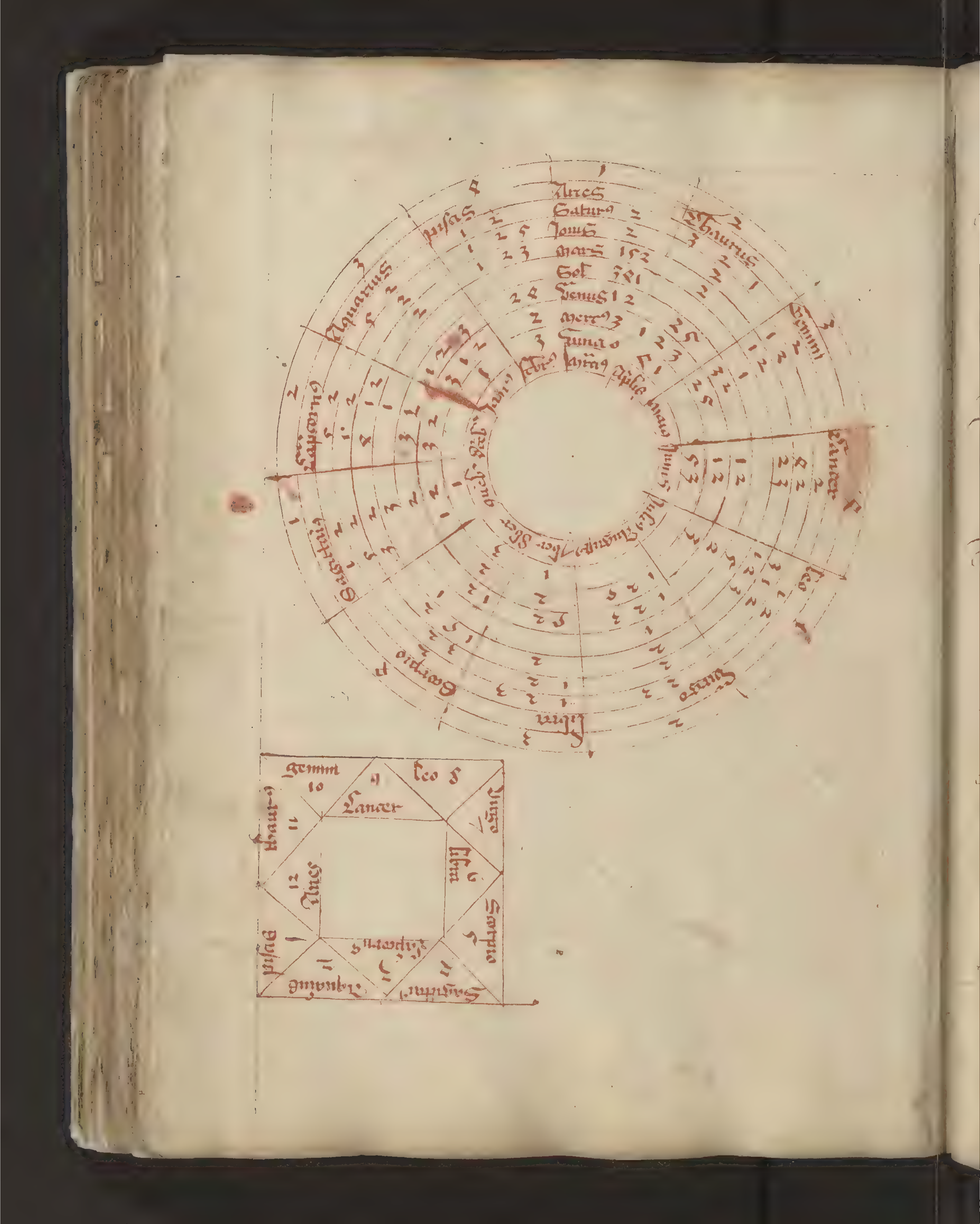
Nomina regionum vel Ciuitatum	ĝ	m̃	ĝ	m̃	Nomina regionum vel ciuitatum	ĝ	m̃	ĝ	m̃	o
					Roma					
Tangra	[illegible]	30	35	15	Roma	36	25	41	50	0
Crepta	8	0	35	20	Rabiz	76	40	43	50	0
Corduba	9	20	27	30	Costantinopol	[illegible]	0	42	0	0
Ragen	28	30	39	[illegible]	Insula sicilie	[illegible]	0	37	0	0
b Granach	15	0	22	0	a Insula mocl.	[illegible]	0	[illegible]	0	0
a Ligis ne[illegible]	[illegible]	30	10	44	Tenigrabin	40	0	33	0	0
Bedoroys fu.	23	40	[illegible]	40	Malta	38	0	36	0	0
ne Insula chile	10	40	[illegible]	10	Sardia	[illegible]	[illegible]	31	0	0
Karthago	27	10	37	0	Allexandria	[illegible]	[illegible]	31	0	0
Thunus	[illegible]	0	38	0	Damiata	[illegible]	0	[illegible]	0	0
Emerida	[illegible]	0	[illegible]	[illegible]	Siracusa	[illegible]	[illegible]	[illegible]	0	0
Baalgh	[illegible]	[illegible]	38	[illegible]	Messya regypti	[illegible]	0	30	0	0
Alleren	1[illegible]	0	38	0	Ciuitas anabaz	[illegible]	0	[illegible]	[illegible]	0
cracha Ciuitas [illegible]	[illegible]	27	[illegible]	[illegible]	Bagdech	[illegible]	0	33	[illegible]	0
[illegible]	[illegible]	0	18	[illegible]	Alirym	76	[illegible]	[illegible]	[illegible]	0
[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	76	[illegible]	[illegible]	[illegible]	0
Mecha	[illegible]	0	21	[illegible]	babilonaus	[illegible]	0	[illegible]	0	0
Gedda	[illegible]	30	20	[illegible]	Asterine	[illegible]	[illegible]	[illegible]	[illegible]	0
Almedina	[illegible]	[illegible]	[illegible]	0	[illegible]	[illegible]	0	[illegible]	0	0
Aleztriz	[illegible]	[illegible]	[illegible]	0	Armenia	[illegible]	0	[illegible]	[illegible]	0
hyspahon	[illegible]	0	[illegible]	[illegible]	Jerusalem	[illegible]	0	[illegible]	0	0
Alec	86	0	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	0	0
Sugal falgara	86	0	42	0	Ascenonia	[illegible]	0	[illegible]	0	0
Choarismi	91	40	42	10	panormum	[illegible]	[illegible]	[illegible]	16	0
Thebin	100	0	38	0	Damascus	[illegible]	0	[illegible]	0	0
albakra	[illegible]	0	31	0	Thuli assen	[illegible]	[illegible]	[illegible]	0	0
Samarch	[illegible]	30	[illegible]	[illegible]	Alhezu	[illegible]	0	[illegible]	[illegible]	0
Adalguch	[illegible]	0	12	[illegible]	Messye			[illegible]	[illegible]	0
Sanaah	[illegible]	30	[illegible]	30	Alcufa	[illegible]	[illegible]	[illegible]	[illegible]	0
Armenia	[illegible]	0	[illegible]	0	Tolosa	[illegible]	[illegible]	[illegible]	0	0
Sucorech	[illegible]	20	36	[illegible]	Pysius	[illegible]	[illegible]	[illegible]	[illegible]	0
Serendiri	[illegible]	0	3	0	Apsilia	[illegible]	[illegible]	[illegible]	0	0
Almedara	[illegible]	0	36	0	Banarra	[illegible]	[illegible]	[illegible]	0	0
Gyrenen	31	0	[illegible]	30	Cremona	[illegible]	0	[illegible]	0	0
Insula Sardinia	31	0	[illegible]	0	Bononya	[illegible]	[illegible]	[illegible]	0	0

Theorica de aspectu plan[etarum]



Anni	1	2	3	4	5	6	7	8
20	18	12	5	26	12	20	35	
10	6	6	2	43	6	10	17	30
8	4	8	50	10	28	56	15	
4	2	2	25	5	15	28	7	
2	1	1	12	33	37	15	3	30
1	0	0	36	16	18	37	1	45
Menses	2	3	4	5	6	7	8	
8	0	25	10	52	28	41	12	
6	0	18	8	9	18	30	52	
4	0	12	5	26	12	20	36	
3	0	9	4	4	39	15	26	
2	0	6	2	53	6	10	18	
1	0	3	1	21	33	5	9	
Dies	m	2	3	4	5	6	7	8
15		0	1	30	40	46	32	38
8		0	0	45	20	23	16	17
4		0	0	22	40	11	38	8
1		0	0	5	40			
Hore		0	0	0	15	20		

Anni	1	2	3	4	5	6	7
20	12	6	26	12	20	35	
10	6	2	43	6	10	17	30
8	4	50	10	28	56	15	
4	2	25	5	15	28	7	
2	1	12	33	37	15	3	30
1	0	36	16	18	3		45
Menses							
8	0	25	10	52	28	41	12
6	0	18	8	9	18	30	52
4	0	12	5	26	12	20	36
3	0	9	4	4	39	15	26
2	0	6	2	53	6	10	18
1	0	3	1	21	33	5	9
Dies							
15	0	1	30	40	46	32	38
8	0	0	45	20	23	16	17
4	0	0	22	40	11	38	8
1	0	0	5	40			
Hore	0	0	0	15	20		



Aries
Saturn⁹
Iouis
Mars
Sol
Venus
Luna
Taurus
Gemini
Cancer
Leo
Libra
Scorpio
Sagittarius
Capricornus
Aquarius
Pisces
gemini
Cancer
leo
Virgo
libra
Scorpio
Aries
Taurus

Signa	Domus	Exaltatio	Triplicitates	Termini Egyptiorum
Aries	Mars	Sol 19	Sol Jupr Sat Mar	Jupr 6 · Ven 6 · Merc 8 · Mars 5 · Sat 5
Taurus	Venus gaudet	Luna 3	Venus Luna Mars Sat	Venus 8 · Merc 6 · Jupr 8 · Sat 5 · Mars 3
Gemini	Merc	Caput 3	Sat Merc Mars Jupr	Merc 6 · Jupr 6 · Ven 5 · Mars 7 · Sat 6
Cancer	Luna	Jupr 15	Venus Mars Luna	Mars 7 · Ven 6 · Merc 6 · Jupr 7 · Sat 8
Leo	Sol		Sol Jupr Saturnus	Jupr 6 · Ven 6 · Sat 7 · Merc 6 · Mars 5
Virgo	Merc gaudet	Merc 15	Venus Luna Mars	Sat 6 · Merc 8 · Jupr 7 · Ven 7 · Mars 2
Libra	Venus	Saturnus 21	Saturnus Mercurius Jupr	Merc 7 · Ven 10 · Jupr 8 · Mars 7 · Sat 7
Scorpio	Mars gaudet	[illegible]	Venus Mars Luna	Mars 7 · Ven 8 · Merc 8 · Jupr 5 · Sat 6
Sagittarius	Jupr gaudet	Cauda 3	Sol Jupr Sat	Jupr 12 · Ven 5 · Merc 8 · Sat 5 · Mars 8
Capricornus	Saturnus Mars	Mars 8	Venus Luna Mars	Merc 7 · Jupr 7 · Ven 8 · Sat 8 · Mars 8
Aquarius	Sat gaudet		Sat Merc Jupr	Merc 7 · Ven 6 · Jupr 7 · Mars 5 · Sat 5
Pisces	Jupiter	Venus 27	Venus Mars Luna	Ven 12 · Jupr 8 · Merc 3 · Mars 9 · Sat 2

Signa	Almuten vel vincens			
Aries	Sol 20	Sol 2 · Mars 5 ·	Sol 5	
Taurus	Venus 10	Venus 2 · Luna 10 ·	Venus 10	
Gemini	Mercurius 30			
Cancer	Luna 30			
Leo	Sol 30			
Virgo	Mercurius 30			
Libra	Sat 21	Saturnus 2 ·	Venus 7 · Saturnus 2	
Scorpio	Mars 30			
Sagittarius	Jupiter 30			
Capricornus	Mars 21	Mars 2 · Sat 7 · Sat 2		
Aquarius	Sat 30			
Pisces	Venus 12	Jupr 8	Venus 18	

sicud et verum motum eius secundum latitudinem eius et distantiam eius a via solis

Nota quod iste canon est [illegible] scriptus [illegible] 30 [illegible] si autem [illegible] volueris [illegible] [illegible] [illegible] et aliquam [illegible] stellarum [illegible] signum [illegible] et stella [illegible] et [illegible] [illegible] tabulas [illegible] alphonsi et [illegible] ubi [illegible] alphonsi atque usque ad [illegible] et [illegible] et veniet tibi [illegible] stella [illegible] motum [illegible] stelle fixe [illegible] valde [illegible] motum [illegible] Et [illegible] semel verificatas non [illegible] de eis [illegible]
Nota longitudo stelle non est [illegible] distantia eius ab ariete in 30

Signa zodiaci	Nomina stellarum	Longitudo gr	m	latitudo g	m	latitudo pars mundi
Aries	Annach	7	0	15	0	septentrio
	Cruff	22	0	32	30	Septentrio
Thauri	Menkar	6	0	1	0	Septentrio
	Aldebran	29	0	14	20	Septentrio
	Rigel	11	0	10	0	Australis
Gemini	Albareth	6	0	43	58	Septe
Cancer	Alhabor	3	0	15	30	Australis
	Algomor	13	0	7	9	Septe
	Alforab	9	0	15	30	meridional
Leo	Cor leonis	14	25	15	51	Septe
	Ursa	20	0	35	0	Septe
Virgo	Acrimes	1	0	11	30	Septe
	Agurab	22	0	13	30	meridional
Libra	Alchimech	23	0	25	15	Septe
	Alramech	28	0	2	0	meridional
Scorp	Vedd	15	0	5	0	Septe
	Alpheta	2	0	37	0	Septe
Sagit	Albane	21	15	—	0	Septe
	Vega	10	0	5–	0	Septe
Capricorn	Albarr	21	15	7	0	Septe
Aquarii	Al[illegible]	10	0	50	0	Septe
	Scat	30	0	19	0	meridional
Pisces	Humerus equi	0	0	25	0	Septe
	Lardu	27	0	22	0	meridional

Radices ad meridianum anni 1520 et ultra addita	Signa	In motu medio G	m	2	3
Aux stelle	0	10	25	27	33
Octaue spere	2	13	14	16	54
Solis	9	16	43	21	13
Argumentum solis	6	18	17	55	55
Aux solis	3	0	25	25	15
Lune	8	5	57	48	22
Centrum	9	2	28	55	18
Argumentum lune	4	19	57	30	10
Saturni	5	17	20	7	50
Centrum	9	5	56	23	21
Aux saturni	8	12	23	44	19
Argumentum saturni	4	1	23	13	33
Iouis	3	5	53	58	22
Aux iouis	5	22	37	2	19
Centrum	9	12	16	56	33
Argumentum iouis	6	13	49	22	21
Martis	1	21	50	0	46
Aux martis	5	10	[illegible]2	15	19
Centrum	9	7	37	45	27
Argumentum martis	7	26	53	20	27
Argumentum veneris	6	28	18	3	14
Centrum	6	18	17	55	58
Aux mercurii	6	29	39	35	19
Centrum	2	19	3	55	54
Argumentum mercurii	11	21	55	33	22
Medius motus acc. 8 spere	6	16	45	16	37
Caput draconis					
Argumentum latitudinis	2	21	53	4	58
Melogra	10	16	14	27	8

Nota pro istis scriptis tabulis sunt radices ad meridianum Cracouie. Sciunt augus planetarum cum omnibus mensibus et diebus ... [illegible] ... non sunt diuersi que augus planetarum sunt in tabulis ... pro hac opera est plixum ... fac sic pro hijs habeas radices augium planetarum ad certum tempus reductas deinde videas si tempus illud et tempus tuum sit annis tot vel tot et mensibus vel diebus et hoc vel omnia ista cum quibus ... sit. Et illud quod conuersis in beneficio adde ad radices tuas siue ad auges quas prius summisti et habebis ad tempus tuum. Sed si habes viii annis 3 menses et 5 dies tunc capias illa conuersa scripta et ad dies omnia simul ... radices tuas ... tempore quo ad ... si sit habes 2 duplica illud conuerso ... scripto. Et si 3 tripla etc. hic tabula scripta ... ibi anni ... 23 55 etc. Et hec de punctis sine radicibus calculatis etc.

Tabula proiectionis radiorum planetarum

Prima facies arietis Signa	g	m	g		Sig. 2a facies arietis	g	m	g		Sig. 3a facies arietis	g	m	g	
aries	20	5	53	Trinus Quartus Sextilis	aries	21	15	53	Trinus Quartus Sextilis	aries	22	24	54	Trinus Quartus Sextilis
thaurus	25	41			thaurus	27	2			thaurus	28	23		
gemini	31	24			gemini	31	59			gemini	32	33		
cancer	22	56	58		cancer	32	16	52		cancer	32	56	26	
leo	27	47	79		leo	27	52	80		leo	27	16	18	
virgo	22	40			virgo	22	40			virgo	22	40		
libra	20	5			libra	19	42			libra	19	39		
scorpio	25	41	57		scorpio	25	58	48		scorpio	26	57	70	
sagittarius	31	24	106		sagitta	31	59	107		sagitta	32	33	108	
capricornus	32	56			capricornus	32	56			capricornus	32	56		
aquarius	27	47			aquarius	20	24			aquarius	27	1		
pisces	22	43	5		pisces	22	50	44		pisces	22	4	53	

Prima facies thauri Signa	g	m	g		2a facies thauri Signa	g	m	g		3a facies thauri Signa	g	m	g	
thaurus	23	34	51	Trinus Quartus Sextilis	thaurus	25	36	56	Trinus Quartus Sextilis	thaurus	27	38	57	Trinus Quartus Sextilis
gemini	30	32			gemini	31	41			gemini	32	51		
cancer	33	8			cancer	33	27			cancer	33	26		
leo	29	54	1		leo	29	54	4		leo	29	58	6	
virgo	25	55	121		virgo	25	55	104		virgo	25	55	105	
libra	22	40			libra	22	31			libra	22	23		
scorpio	23	34			scorpio	25	1			scorpio	28	29		
sagittarius	30	32	32		sagittarius	31	41	7		sagittarius	32	51	40	
capricornus	33	8	110		capricornus	33	49	112		capricornus	34	29	114	
aquarius	29	54			aquarius	29	54			aquarius	29	54		
pisces	25	55			pisces	25	55			pisces	25	55		
aries	22	40	2		aries	33	27	50		aries	24	53	13	

Tabula proiectionis radiorum planetarum

Prima facies geminorum

Signa	g	m	s
geminj	29	40	54
Cancer	34	0	
Leo	32	1	
Virgo	27	50	9
Libra	25	55	87
Scorpio	25	41	
Sagittarius	29	40	
Capricornus	34	0	54
Aquarius	32	1	116
Pisces	27	50	
Aries	25	55	
Taurus	25	41	18

Sextilis · Quartus · Trinus

2 facies geminorum

Signa	g	m	s
gemi	31	24	59
Canc	34	58	
Leo	31	56	
Virgo	26	50	23
Libra	25	11	89
Scorpi	25	58	
Sagit	31	24	
Capr	35	21	3
Aquarius	32	27	108
Pisces	27	1	
Aries	25	38	
Taurus	27	2	45

Sextilis · Quartus · Trinus

3 facies geminorum

Signa	g	m	s
gemi	33	8	60
Canc	34	39	
Leo	31	52	
Virgo	27	50	37
Libra	25	6	97
Scorp	26	40	
Sag	34	8	
Capr	36	4	56
Aquarius	32	47	121
Pisces	27	7	
Aries	26	1	
Taurus	28	23	14

Sextilis · Quartus · Trinus

Prima facies Cancri

Signa	g	m	s
Cancer	38	52	16
Leo	34	50	
Virgo	30	25	
Libra	27	50	51
Scorpio	27	44	92
Sagitta	30	22	
Capricornus	34	22	
Aquarius	34	50	47
Pisces	30	25	123
Aries	27	50	
Taurus	27	47	
Geminj	30	32	42

Sextilis · Quartus · Trinus

2 facies cancri

Signa	g	m	s
Canc	35	59	62
Leo	33	19	
Virgo	30	35	
Libra	32	50	59
Scorp	27	54	44
Sag	31	41	
Capr	36	54	
Aquarius	34	54	21
Pisces	30	25	125
Aries	27	7	
Taurus	28	23	
Gemini	31	41	47

Sextilis · Quartus · Trinus

3 facies cancri

Signa	g	m	s
Canc	35	47	53
Leo	33	7	
Virgo	30	27	
Libra	37	50	57
Scorp	38	6	95
Sagit	32	51	
Capr	38	56	
Aquarius	35	7	55
Pisces	30	25	127
Aries	27	47	
Taurus	29	9	
Gemini	32	51	53

Sextilis · Quartus · Trinus

Tabula proiectionis radiorum planetarum

Prima facies leonis — Terminus quartus equalis

Signa	g	m	g
leo	36	54	64
virgo	33	0	
libra	30	27	
scorp	29	54	49
sagit	31	24	97
capr	34	0	
aquar	35	74	
pisc	33	0	29
aries	30	27	329
taurus	39	14	
gemi	31	27	
cancer	30	0	78

2 facies leonis — Terminus quintus equalis

Signa	g	m	g
leo	36	1	64
virgo	33	0	
libra	39	29	
scor	39	74	34
sagit	32	7	98
capr	37	21	
aquar	37	24	
pisc	33	0	20
aries	30	2	131
taurus	30	74	
gemi	31	19	
cancer	34	78	[illegible]

3 facies leonis — Terminus quartus equalis

Signa	g	m	g
leo	35	48	66
virgo	33	0	
libra	30	34	
scor	25	44	8
sagit	32	33	99
capr	36	43	
aquar	38	33	
pisc	33	0	12
aries	29	39	132
taurus	29	74	
gemi	32	33	
cancer	34	37	16

Prima facies virginis — Terminus quintus equalis

Signa	g	m	g
virgo	35	35	66
libra	33	0	
scorpio	32	1	
sagittarius	32	16	42
capricornus	33	8	100
aquarius	34	7	
pisces	35	35	
aries	33	0	4
taurus	32	1	133
gemini	32	16	
cancer	33	8	
leo	34	17	25

2 facies virginis — Terminus quintus equalis

Signa	g	m	g
virgo	35	35	66
libra	33	9	
scorp	31	72	
sagit	32	16	43
capr	33	49	100
aquar	34	74	
pisc	35	35	
aries	35	13	4
taurus	33	33	133
gemi	31	16	
cancer	32	77	
leo	33	73	25

3 facies virginis — Terminus quartus equalis

Signa	g	m	g
virgo	35	35	66
libra	33	77	
scor	31	42	
sagit	32	16	42
capr	34	29	100
aquar	35	40	
pisc	32	35	
aries	31	27	3
taurus	30	39	133
gemi	32	10	
cancer	33	37	
leo	33	10	4

Tabula proiectionis radiorum planetarum 3e

Prima facies libre — Trinus Quartus Sextilis

Signa	g	m	2
libra	35	35	66
scorpi	34	7	
sagitta	33	8	
capri	32	16	42
aquarius	32	1	100
pisces	33	0	
aries	35	35	
taurus	34	7	4
gemini	33	8	133
cancer	32	16	
leo	32	1	
virgo	33	0	25

2a facies libre — Trinus Quartus Sextilis

Sig	g	m	2
libr	35	40	60
scor	33	49	
sag	32	33	
cap	32	16	8
aqr	32	34	99
pisc	33	0	
aries	34	25	
tau	32	49	72
gem	32	33	132
canc	32	16	
leo	31	16	
virgo	33	0	17

3a facies libre — Trinus Quartus Sextilis

Sig	g	m	2
libra	35	1	6
scorpio	33	31	
sagittarius	33	49	
capricornus	32	57	34
aquarius	32	47	48
pisces	33	0	
aries	33	17	
taurus	31	25	21
gemini	31	45	131
cancer	32	16	
leo	31	72	
virgo	33	0	30

Prima facies scorpii — Trinus Quartus Sextilis

Signa	g	m	2
scorpio	35	14	64
sagittarius	34	0	
capricornus	31	24	
aquarius	29	54	79
pisces	30	25	97
aries	33	0	
taurus	30	14	
gemini	34	0	29
cancer	31	34	17
leo	29	14	
virgo	30	24	
libra	33	0	77

2a facies scorpionis — Trinus Quartus Sextilis

Sig	g	m	2
scor	35	47	63
sag	32	51	
cap	30	43	
aqr	29	54	57
pisc	30	25	95
aries	32	13	
tau	34	52	
gem	32	11	55
canc	30	55	127
leo	29	14	
virgo	30	25	
lib	32	79	43

3a facies scorpionis — Trinus Quartus Sextilis

Signa	g	m	2
scorpio	35	19	62
sagitta	31	41	
capricornus	30	13	
aquarius	29	54	54
pisces	35	24	84
aries	31	27	
taurus	32	10	
gemini	31	41	21
cancer	31	6	125
leo	29	54	
virgo	30	25	
libra	33	17	47

Tabula proiectionis radiorum planetarum

Prima facies sagittarii

Signa	G	M	G	
Sagitt	35	42	61	Sextilis
Capricornus	30	32		
Aquarius	27	57		
Pisces	27	40	41	
Aries	30	24	92	Quartus
Taurus	35	4		
Gemini	35	42		
Cancer	30	32	57	
Leo	27	57	123	Trinus
Virgo	27	7		
Libra	30	27		
Scorpio	35	7	52	

2a facies sagittarii

Signa	G	M	G	
Sagittarius	33	8	60	Sextilis
Capricornus	29	11		
Aquarius	27	25		
Pisces	27	40	37	
Aries	30	7	57	Quartus
Taurus	32	56		
Gemini	35	8		
Cancer	30	15	56	
Leo	27	42	121	Trinus
Virgo	27	40		
Libra	30	29		
Scorpio	33	50	15	

3a facies sagittarii

Signa	G	M	G	
Sag	31	25	49	Sextilis
Cap	27	59		
Aquarius	27	1		
Pisces	27	40	23	
Aries	29	39	89	Quartus
Taurus	31	24		
Gemini	31	25		
Cancer	33	44	7	
Leo	27	46	118	Trinus
Virgo	27	40		
Libra	30	45		
Scorp	33	35	56	

Prima facies Capricorni

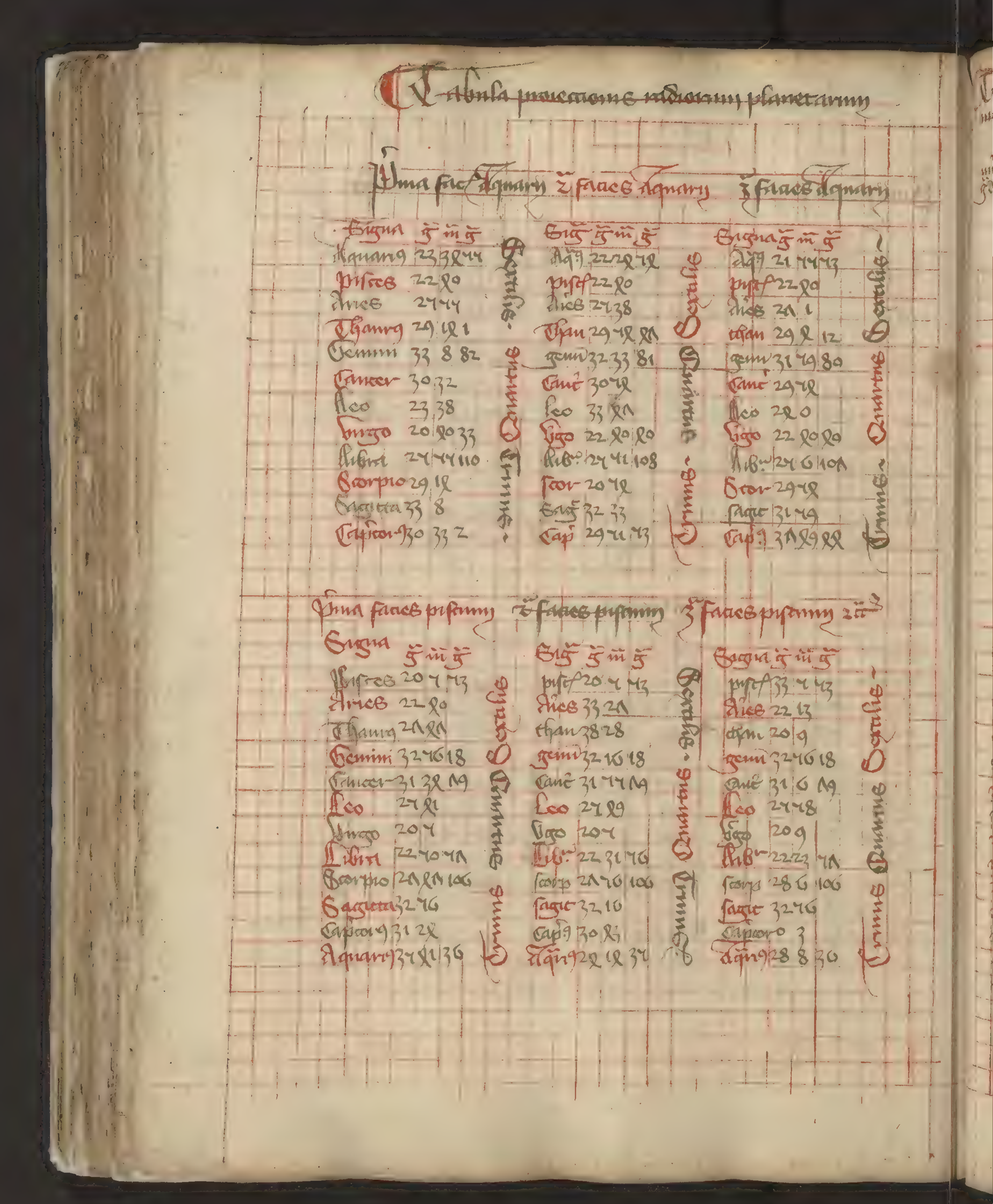
Signa	G	M	G	
Capricornus	29	50	48	Sextilis
Aquarius	24	51		
Pisces	24	14		
Aries	27	40	9	
Taurus	32	1	87	Quartus
Gemini	35	0		
Cancer	29	50		
Leo	24	51	15	
Virgo	24	14	110	Trinus
Libra	27	7		
Scorpio	32	1		
Sagitta	35	0	18	

2a facies Capricorni

Signa	G	M	G	
Capricornus	27	38	47	Sextilis
Aquarius	35	45		
Pisces	24	40		
Aries	24	40	6	Quartus
Taurus	31	20	54	
Gemini	32	41		
Cancer	29	33		
Leo	24	59	50	
Virgo	24	44	115	Trinus
Libra	27	49		
Scorpio	31	39		
Sagittarius	32	41	43	

3a facies Capricorni

Signa	G	M	G	
Cap	24	36	46	Sextilis
Aquarius	25	8		
Pisces	24	14		
Aries	27	40	3	
Taurus	30	39	85	Quartus
Gemini	39	51		
Cancer	28	53		
Leo	24	43	4	
Virgo	24	14	112	Trinus
Libra	27	11		
Scorp	26	52		
Sag	31	51	7	



Tabula provectionis radiorum planetarum

Prima facies aquarii				2a facies aquarii				3a facies aquarii			
Signa	g	m	g	Sig	g	m	g	Signa	g	m	g
Aquarius	23	35	44	Aq	22	25	45	Aq	21	44	43
Pisces	22	50		Pisc	22	50		Pisc	22	50	
Aries	24	44		Aries	24	38		Aries	27	1	
Taurus	29	15	1	Tau	29	45	57	Tau	29	5	12
Gemini	33	8	82	Gemi	32	33	81	Gemi	31	49	80
Cancer	30	32		Canc	30	45		Canc	29	45	
Leo	23	38		Leo	33	57		Leo	25	0	
Virgo	20	50	33	Virgo	22	50	50	Virgo	22	50	50
Libra	24	44	110	Libra	24	41	108	Libra	24	6	107
Scorpio	29	15		Scor	20	45		Scor	29	45	
Sagitta	33	8		Sag	32	33		Sagit	31	49	
Capricorn	30	33	2	Cap	29	41	43	Cap	37	59	55

Sextilis · Quartus · Trinus ·

Sextilis · Quartus · Trinus ·

Sextilis · Quartus · Trinus ·

Prima facies piscium				2a facies piscium				3a facies piscium 2a			
Signa	g	m	g	Sig	g	m	g	Signa	g	m	g
Pisces	20	4	43	Pisc	20	4	43	Pisc	33	4	43
Aries	22	50		Aries	33	27		Aries	22	13	
Taurus	27	57		Taur	38	28		Taur	20	9	
Gemini	32	46	18	Gemi	32	16	18	Gemi	32	46	18
Cancer	31	35	79	Canc	31	44	79	Canc	31	6	79
Leo	24	51		Leo	24	59		Leo	24	48	
Virgo	20	4		Virgo	20	4		Virgo	20	9	
Libra	22	40	47	Libra	22	31	46	Libra	22	23	47
Scorpio	27	57	106	Scorp	27	46	106	Scorp	28	6	106
Sagitta	32	46		Sagit	32	10		Sagit	32	46	
Capricornus	31	25		Capric	30	53		Capricorno	3		
Aquarius	34	51	36	Aquar	25	15	37	Aquar	28	8	30

Sextilis · Quartus · Trinus ·

Sextilis · Quartus · Trinus ·

Sextilis · Quartus · Trinus ·

Tabla declinationis [illegible]

gradus		Declinatio g	m	2	gradus		Declinatio g	m	2	gradus		Declinatio g	m	2
1	0	0	24	0	31	0	11	52	45	61	0	20	27	36
2	0	0	48	0	32	0	12	13	40	62	0	20	39	48
3	0	1	11	56	33	0	12	34	23	63	0	20	51	39
4	0	1	35	51	34	0	12	54	53	64	0	21	3	9
5	0	1	59	47	35	0	13	15	11	65	0	21	14	12
6	0	2	23	40	36	0	13	35	16	66	0	21	24	50
7	0	2	47	30	37	0	13	55	7	67	0	21	35	11
8	0	3	11	19	38	0	14	14	41	68	0	21	45	2
9	0	3	35	5	39	0	14	33	6	69	0	21	50	25
10	0	3	58	46	40	0	14	53	11	70	0	22	3	35
11	0	4	22	26	41	0	15	12	3	71	0	22	12	16
12	0	4	46	0	42	0	15	30	41	72	0	22	20	29
13	0	5	9	30	43	0	15	49	2	73	0	22	28	17
14	0	5	32	55	44	0	16	7	8	74	0	22	35	38
15	0	5	56	15	45	0	16	25	17	75	0	22	42	36
16	0	6	19	29	46	0	16	42	29	76	0	22	49	6
17	0	6	42	38	47	0	16	59	45	77	0	22	55	44
18	0	7	5	40	48	0	17	16	44	78	0	23	1	59
19	0	7	28	34	49	0	17	33	25	79	0	23	6	11
20	0	7	51	25	50	0	17	49	46	80	0	23	10	46
21	0	8	14	5	51	0	18	6	48	81	0	23	15	7
22	0	8	36	49	52	0	18	21	29	82	0	23	18	56
23	0	8	59	3	53	0	18	36	53	83	0	23	22	21
24	0	9	21	20	54	0	18	51	40	84	0	23	25	19
25	0	9	43	28	55	0	19	6	41	85	0	23	27	49
26	0	10	5	26	56	0	19	21	6	86	0	23	29	50
27	0	10	27	14	57	0	19	35	7	87	0	23	31	44
28	0	10	48	52	58	0	19	48	48	88	0	23	32	2
29	0	11	10	19	59	0	20	2	7	89	0	23	33	13
30	0	11	31	36	60	0	20	15	0	90	0	23	33	30

Tabula de gradibus masculinis et femininis — Tabula de gradibus lucidis

Nota si vis scire complexionem alicuius secundum quod illa stella fuit de quo anno quando [illegible] oritur quando Sol intrat primum
arietis primum gradum arietis alicuius quando sol intrat primum minutum arietis videndum erit signum ascendens huius
figure domus erit dominus totius anni et hore qua natus observatur verbi gratia si capricornus ascendit Saturnus
erit dominus illius anni secundo videlicet non de dominorum et quando puer nascitur consideretur illa hora in qua
nascitur et videas ascendens in illa hora dominus illius signi erit dominus illius pueri et regit illum diebus
vite sue Et illud
signum ascendens secundum primum dominus pueri et signum sequens secundum et sequens tertium et quartum dominus [illegible]

Aries	m 0	f 1	m 6	f 7	m 8	0	0
Taurus	f 5	m 6	f 6	m 4	f 3	m 6	0
Gemini	f 5	m 11	f 6	m 4	f 4	6	0
Cancer	m 2	f 6	m 2	f 2	m 11	f 4	m 3
Leo	f 5	m 3	f 7	m 8	f 9	0	0
Virgo	f 8	m 4	f 8	m 10	0	0	0
Libra	m 5	f 10	m 5	f 7	m 3	0	0
Scorpio	m 4	f 10	f 3	f 8	m 5	0	0
Sagitta	m 3	f 3	m 7	f 12	m 6	0	0
Capricornus	m 11	f 8	m 11	0	0	0	0
Aquarius	m 5	f 10	m 6	f 4	m 2	f 3	0
Pisces	m 10	f 10	m 3	f 5	2	0	0

Aries	t 3	l 5	t 8	l 4	v 4	l 5	v 1
Taurus	t 3	l 4	v 3	l 3	v 5	l 8	t 2
Gemini	l 4	t 3	l 5	v 4	l 5	t 6	v 3
Cancer	t 11	t 2	v 4	f 2	8	v 2	0
Leo	t 10	f 10	v 5	t 5	0	0	0
Virgo	t 5	l 3	v 2	t 6	f 6	v 5	t 4
Libra	t 5	t 5	l 8	t 3	f 6	v 3	0
Scorpio	t 3	l 5	v 6	l 6	f 2	v 5	t 3
Sagittarius	9	l 3	t 7	f 4	7	0	0
Capricornus	t 7	l 3	f 5	l 4	t 3	v 3	t 5
Aquarius	f 4	l 5	t 4	v 8	l 4	l 5	0
Pisces	t 6	l 6	t 6	l 4	v 3	l 3	t 2

Tabula graduum puteorum

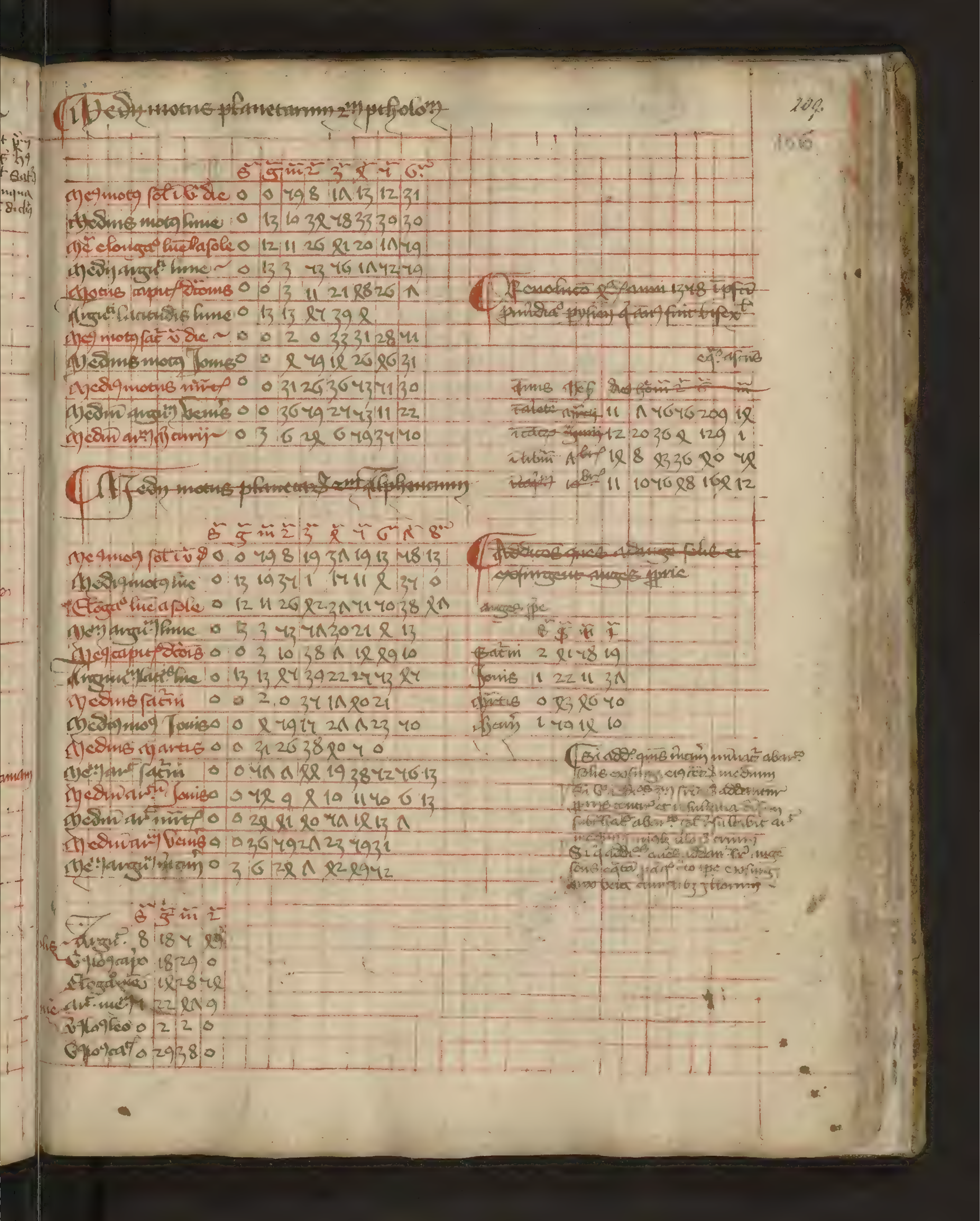
Aries	6	11	16	23	29	0
Taurus	5	12	24	25	0	0
Gemini	3	12	17	26	30	0
Cancer	12	17	23	30	0	0
Leo	5	13	15	22	23	28
Virgo	8	13	16	21	25	0
Libra	1	7	20	30	0	0
Scorpio	9	10	22	27	0	0
Sagitta	7	13	15	24	27	30
Capricornus	2	7	17	21	24	28
Aquarius	12	17	24	27	28	0
Pisces	4	9	24	27	28	0

Tabula graduum azemenarum

Taurus ~~Aries~~	6.9	7.9	8.9	9.9	10.9	0
Cancer	9	11	12	13	14	15
Leo ~~Gemini~~	19	27	28	0	0	0
Scorpio	19	29	0	0	0	0
Sagittarius ~~Leo~~	1	7	18	19	0	0
Capricornus	26	27	29	0	0	0

Tabula graduum augmentantium fortunam

Aries	19	0	0	0	0	0
Taurus	13	15	27	0	0	0
Gemini	11	0	0	0	0	0
Cancer	1	2	4	15	0	0
Leo	2	5	19	0	0	0
Virgo	3	13	28	0	0	0
Libra	3	5	21	0	0	0
Scorpio	7	18	20	0	0	0
Sagitta	13	20	0	0	0	0
Capricornus	12	13	24	0	0	0
Aquarius	7	16	17	20	0	0
Pisces	15	20	0	0	0	0



Medius motus planetarum secundum ptholomeum

	S	G	m	2	3	4	5	6
Medius motus solis in uno die	0	0	59	8	17	13	12	31
Medius motus lune	0	13	10	34	58	33	30	30
Medius elongacionis lune a sole	0	12	11	26	41	20	17	59
Medium argumentum lune	0	13	3	53	56	17	52	59
Motus capitis draconis	0	0	3	11	21	48	26	7
Argumentum latitudinis lune	0	13	13	45	39	4		
Medius motus saturni in die	0	0	2	0	33	31	28	51
Medius motus iovis	0	0	4	59	14	26	46	31
Medius motus martis	0	0	31	26	36	53	51	30
Medium argumentum veneris	0	0	36	59	25	53	11	22
Medium argumentum mercurii	0	3	6	24	6	59	35	50

~~Medius motus planetarum secundum alphonsium~~

	S	G	m	2	3	4	5	6	7	8
Medius motus solis in uno die	0	0	59	8	19	37	19	13	58	13
Medius motus lune	0	13	10	35	1	15	11	4	35	0
Elongacio lune a sole	0	12	11	26	41	27	51	50	38	47
Medium argumentum lune	0	13	3	53	57	30	21	4	13	
Medius capitis draconis	0	0	3	10	38	7	14	49	10	
Argumentum latitudinis lune	0	13	13	45	39	22	25	53	45	
Medius saturni	0	0	2	0	35	17	40	21		
Medius motus iovis	0	0	4	59	15	27	7	23	50	
Medius martis	0	0	31	26	38	40	5	0		
Medium argumentum saturni	0	0	57	7	44	19	38	52	56	13
Medium argumentum iovis	0	54	9	4	10	11	50	6	13	
Medium argumentum martis	0	0	24	41	40	57	14	13	7	
Medium argumentum veneris	0	0	36	59	27	23	59	31		
Medium argumentum mercurii	0	3	6	24	7	42	49	52		

	S	G	m	2
Augis	8	18	5	44
[illegible]	18	29	0	
Elongacio	14	28	54	
Argumentum medium	22	47	9	
[illegible]	0	2	2	0
[illegible]	0	29	38	0

~~Revolucio [illegible] anni 1348 [illegible] precedentis [illegible] fuit bisextilis~~

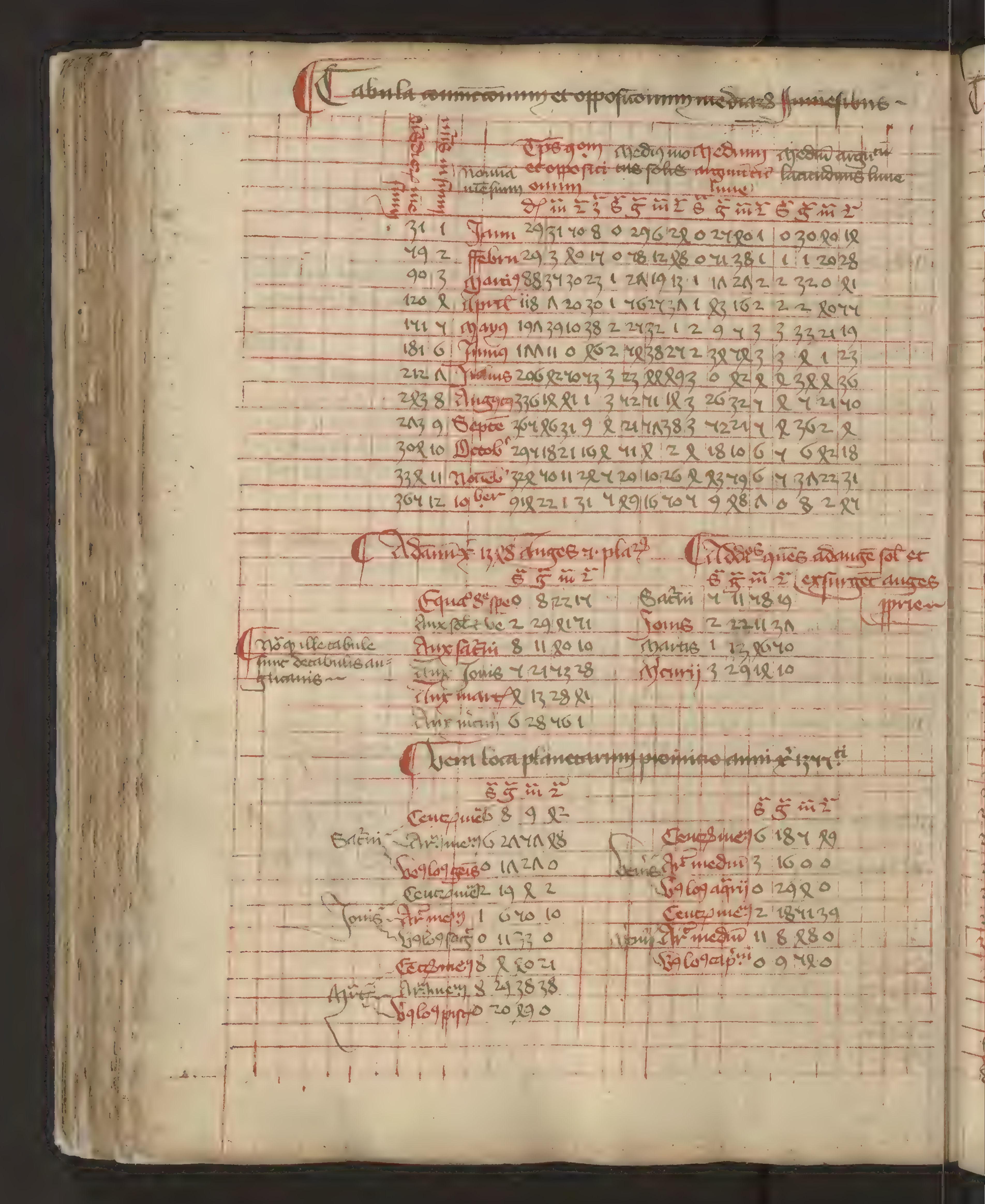
Annus	Mensis	Dies	Hore	2	3	m
[illegible]	aprilis	11	7 56 56	20 9		14
[illegible]	iunii	12	20 30 4	1 29		1
[illegible]	[illegible]	14	8 43 36	40		54
[illegible]	[illegible]	11	10 56 48	16 4		12

~~Radices [illegible] augis solis et [illegible] augis [illegible]~~

Auges [illegible]

	S	G	m	2
Saturni	2	41	58	19
Iovis	1	22	11	37
Martis	0	43	46	50
Veneris	1	59	14	10

[illegible]



Tabula coniunctionum et oppositionum mediarum lunacionis

Numerus dierum	Numerus mensium	Nomina mensium	Tempus coniunctionum et oppositionum: D	h	m	2	Medius motus solis: S	g	m	2	Medium argumentum lune: S	g	m	2	Medium argumentum latitudinis lune: S	g	m	2
31	1	Janu	29	31	50	8	0	29	6	24	0	25	49	1	0	30	40	14
59	2	ffebru	59	3	40	17	0	58	12	48	0	51	38	1	1	1	20	28
90	3	Marci	88	35	30	23	1	27	19	13	1	17	27	2	2	32	0	41
120	4	Aprilis	118	7	20	30	1	56	25	37	1	43	16	2	2	2	40	55
151	5	Mayus	147	39	10	38	2	25	32	1	2	9	5	3	3	33	21	19
181	6	Junius	177	11	0	46	2	54	38	25	2	38	54	3	3	4	1	23
212	7	Julius	206	42	50	53	3	23	44	49	3	0	42	4	4	38	4	36
243	8	Augustus	236	14	41	1	3	52	51	14	3	26	32	5	4	5	21	40
273	9	Septembris	265	46	31	9	4	21	57	38	3	52	21	5	4	36	2	4
304	10	Octobris	295	18	21	16	4	51	4	2	4	18	10	6	5	6	42	18
334	11	Novembris	324	50	11	24	5	20	10	26	4	43	59	6	5	37	22	31
365	12	10ber	354	22	1	31	5	49	16	50	5	9	48	7	0	8	2	45

Radix anno Christi 1348 auges 7 planetarum

	S	g	m	2
Equacionis 8e spere	0	8	22	15
Aux solis et Veneris	2	29	41	51
Aux Saturni	8	11	40	10
Aux Jovis	5	21	53	28
Aux Martis	4	13	28	41
Aux Mercurii	6	28	56	1

Nota quod ille tabule sunt de tabulis an[illegible]ationis

[illegible] que addunt sol et extrinseci auges proprie

	S	g	m	2
Saturni	5	11	58	19
Jovis	2	22	11	37
Martis	1	13	46	50
Mercurii	3	29	14	10

Vera loca planetarum principio anni Christi 1344ti

		S	g	m	2
Saturni	Centrum medium	8	9	4	
	Argumentum medium	6	27	57	48
	Ver. loc. [illegible]	0	17	27	0
Jovis	Centrum medium	2	19	4	2
	Argumentum medium	1	6	50	10
	Ver. loc. [illegible]	0	11	53	0
Martis	Centrum medium	8	4	40	51
	Argumentum medium	8	29	38	38
	Ver. loc. [illegible]	0	20	49	0

		S	g	m	2
Veneris	Centrum medium	6	18	5	49
	Argumentum medium	3	16	0	0
	Ver. loc. [illegible]	0	29	4	0
Mercurii	Centrum medium	2	18	51	39
	Argumentum medium	11	8	48	0
	Ver. loc. [illegible]	0	9	54	0

Tabula continens verum motum solis quolibet die anni pro meridie [illegible]

Dies mensium	Januarius S	G	m	Februarius S	G	m	Marcius S	G	m	Aprilis S	G	m	Mayus S	G	m	Junius S	G	m
1	4	49	47	5	21	18	5	49	19	0	19	46	0	48	43	1	18	17
2	4	50	48	5	22	18	5	50	19	0	20	45	0	49	40	1	19	14
3	4	51	50	5	23	19	5	51	18	0	21	43	0	50	38	1	20	11
4	4	52	52	5	24	19	5	52	17	0	22	41	0	51	35	1	21	8
5	4	53	52	5	25	20	5	53	17	0	23	40	0	52	33	1	22	5
6	4	54	53	5	26	20	5	54	16	0	24	38	0	53	30	1	23	2
7	4	55	55	5	27	20	5	55	16	0	25	36	0	54	28	1	23	59
8	4	56	56	5	28	21	5	56	15	0	26	34	0	55	25	1	24	56
9	4	57	57	5	29	21	5	57	14	0	27	32	0	56	22	1	25	53
10	4	58	58	5	30	22	5	58	13	0	28	31	0	57	20	1	26	50
11	4	59	59	5	31	22	5	59	13	0	29	29	0	58	16	1	27	47
12	5	2	1	5	32	22	0	0	12	0	30	27	0	59	14	1	28	44
13	5	2	2	5	33	22	0	1	11	0	31	25	1	0	12	1	29	41
14	5	3	3	5	34	22	0	2	10	0	32	23	1	1	9	1	30	38
15	5	4	4	5	35	22	0	3	9	0	33	20	1	2	6	1	31	35
16	5	5	5	5	36	22	0	4	8	0	34	18	1	3	3	1	32	32
17	5	6	6	5	37	22	0	5	7	0	35	16	1	4	1	1	33	29
18	5	7	7	5	38	22	0	6	5	0	36	14	1	4	58	1	34	26
19	5	8	8	5	39	22	0	7	4	0	37	12	1	5	55	1	35	23
20	5	9	9	5	40	22	0	8	2	0	38	10	1	6	52	1	36	20
21	5	10	10	5	41	22	0	9	2	0	39	7	1	7	46	1	37	17
22	5	12	11	5	42	22	0	10	1	0	40	5	1	8	46	1	38	14
23	5	12	12	5	43	22	0	10	59	0	41	3	1	9	43	1	39	5
24	5	13	13	5	44	21	0	11	58	0	42	0	1	10	40	1	40	8
25	5	14	14	5	45	21	0	12	57	0	42	57	1	11	37	1	41	5
26	5	15	15	5	46	20	0	13	55	0	43	55	1	12	34	1	42	2
27	5	16	15	5	47	20	0	14	54	0	44	53	1	13	32	1	42	59
28	5	18	16	5	48	20	0	15	53	0	45	50	1	14	29	1	43	56
29	5	18	16	5	0	0	0	16	51	0	46	48	1	15	28	1	44	53
30	5	19	16	5	0	0	0	17	49	0	47	45	1	16	23	1	45	51
31	5	20	17	5	0	0	0	18	47	0	0	0	1	17	20	1	0	0

Nota quod per ista calendaria inveniuntur vera motus [illegible] loca solis quolibet die anni [illegible] [illegible] anno post bisextum [illegible] quod residuo [illegible] dici [illegible] et [illegible] sol medie 1° Si autem in 2° anno post bisextum [illegible] fuit [illegible] [illegible] Si vero in 3° anno fuit [illegible] 28 minuta Si autem in anno bisextili fuit [illegible] [illegible] [illegible] loca solis [illegible] diem [illegible] et Johannis [illegible] anno domini 1354 [illegible] quod [illegible] precedit de signis [illegible]

Residuum tabule precedentis Immediate

	Julius			Augustus			September			October			November			December		
	s	g	m	s	g	m	s	g	m	s	g	m	s	g	m	s	g	m
1	1	46	48	2	16	25	2	46	26	3	16	2	3	47	13	4	17	48
2	1	47	45	2	17	22	2	47	29	3	17	3	3	48	14	4	18	49
3	1	48	42	2	18	20	2	48	24	3	18	2	3	49	17	4	19	51
4	1	49	39	2	19	18	2	49	23	3	19	1	3	50	16	4	20	52
5	1	50	36	2	20	17	2	50	21	3	20	0	3	51	17	4	21	54
6	1	51	33	2	21	13	2	51	20	3	21	1	3	52	18	4	22	55
7	1	52	30	2	22	11	2	52	19	3	22	2	3	53	19	4	23	57
8	1	53	27	2	23	9	2	53	18	3	23	2	3	54	20	4	24	58
9	1	54	24	2	24	6	2	54	17	3	24	2	3	55	22	4	25	59
10	1	55	21	2	25	4	2	55	16	3	25	2	3	56	23	4	27	1
11	1	56	19	2	26	2	2	56	14	3	26	2	3	57	24	4	28	3
12	1	57	16	2	26	59	2	57	13	3	27	2	3	58	25	4	29	4
13	1	58	13	2	27	58	3	58	12	3	28	2	3	59	26	4	30	6
14	1	59	10	2	28	56	3	59	12	3	29	2	4	0	27	4	31	7
15	2	0	9	2	29	54	3	0	11	3	30	2	4	1	29	4	32	9
16	2	1	5	2	30	52	3	1	10	3	31	3	4	2	30	4	33	10
17	2	2	2	2	31	50	3	2	9	3	32	3	4	3	31	4	34	12
18	2	2	59	2	32	48	3	3	8	3	33	3	4	4	32	4	35	13
19	2	3	57	2	33	46	3	4	8	3	34	4	4	5	34	4	36	15
20	2	4	55	2	34	43	3	5	7	3	35	5	4	6	35	4	37	17
21	2	5	52	2	35	41	3	6	6	3	36	6	4	7	36	4	38	18
22	2	6	49	2	36	40	3	7	6	3	37	6	4	8	37	4	39	19
23	2	7	47	2	37	38	3	8	5	3	38	7	4	9	38	4	40	20
24	2	8	44	2	38	37	3	9	5	3	39	8	4	10	39	4	41	22
25	2	9	42	2	39	35	3	10	4	3	40	8	4	11	40	4	42	24
26	2	10	39	2	40	34	3	11	4	3	41	8	4	12	41	4	43	25
27	2	11	37	2	41	33	3	12	3	3	42	9	4	13	42	4	44	26
28	2	12	34	2	42	31	3	13	3	3	43	9	4	14	44	4	45	28
29	2	13	32	2	43	31	3	14	3	3	44	10	4	15	45	4	46	28
30	2	14	29	2	44	29	3	15	3	3	45	11	4	16	47	4	47	30
31	2	15	27	2	45	28	0	0	0	3	46	12	4	0	0	4	48	31

Tabula solis prima

[illegible]	Anni Domini	Numerus mensis	Menses	Dies	Medium eclipsis ho	m	Puncta eclipsis pc	m	Tempus casus ho	m	Duracio eclipsis ho	m
13	1342	5	Mayus	5	23	35	0	25	0	16	0	32
15	1344	10	October	7	17	59	10	42	1	5	2	10
16	1345	9	Septembris	27	0	54	4	10	0	49	1	38

Tabula solis secunda

[illegible]	Anni Domini	Numerus mensis	Menses	Dies	ho	m	pc	m	ho	m	ho	m
4	1352	5	Mayus	14	20	52	6	0	0	52	1	44
6	1354	9	7ber	17	21	2	6	44	0	56	1	53
7	1355	3	Marcius	15	5	17	7	33	1	1	2	3
13	1361	5	Mayus	5	20	52	5	48	0	51	1	42
14	1362	10	October	19	3	28	2	30	0	40	1	20
16	1364	3	Marcius	4	23	9	8	49	1	2	2	9
17	1365	2	Februarius	21	23	30	2	47	0	48	1	36
18	1366	8	Augustus	7	16	49	5	57	0	54	1	49

Tabula solis tercia

[illegible]	Anni Domini	Numerus mensis	Menses	Dies	ho	m	pc	m	ho	m	ho	m
3	1370	5	Mayus	26	5	54	3	42	0	44	1	29
4	1371	10	8ber	15	21	47	4	30	0	52	1	44
9	1376	7	Julius	17	18	28	3	30	0	45	1	31
10	1377	1	Januarius	10	23	19	2	23	0	37	1	14
12	1379	5	Mayus	17	5	33	8	1	0	56	1	53
17	1384	8	Augustus	18	1	18	10	0	1	2	2	5
19	1386	1	Januarius	1	22	36	7	36	0	57	1	55

Tabula lune prima

[illegible]	Anni Domini	Numerus mensis	Menses	Dies	ho	m	pc	m	ho	m	ho	m
15	1344	9	7ber	23	15	17	3	10	1	5	2	10
16	1345	3	Marcius	19	9	24	17	13	1	6	3	29
19	1348	1	Januarius	17	16	36	4	23	1	14	2	28

Tabula lune secunda

[illegible]

[illegible]	Anni Domini	Numerus mensis	Menses	Dies	ho	m	pc	m	ho	m	ho	m
1	1349	7	Julius	1	11	54	17	5	1	2	3	31
3	1351	11	Novembris	4	16	52	1	12	0	52	1	45
4	1352	4	Aprilis	30	16	28	14	35	1	2	3	9
4	1352	10	8ber	24	8	18	10	29	1	5	3	37
5	1353	4	Aprilis	19	17	36	11	56	1	4	2	21
7	1355	2	Februarius	27	18	52	2	50	1	13	2	26

Ciclus lunaris	Anni domini	Numerus mensium	Menses	Dies	Tempus eclipsis ho	m	Puncta eclipsis pc	m	Tempus casus ho	m	Duracio eclipsis ho	m
8	13 56	2	Februarius	17	11	31	18	46	1	3	3	42
9	13 57	8	Augustus	1	6	46	9	44	1	33	3	6
10	13 58	12	Decembris	16	19	2	0	46	0	42	1	24
12	13 60	11	Novembris	24	2	59	12	13	1	20	3	16
15	13 63	3	Marcius	30	16	58	15	35	1	8	3	36
15	13 63	9	7ber	23	9	30	17	7	1	6	3	36
16	13 64	9	7ber	12	12	22	9	46	1	32	3	4
19	13 67	1	Januarius	17	7	43	12	58	1	4	3	38

~~Tabula lune [illegible]~~

Ciclus lunaris	Anni domini	Numerus mensium	Menses	Dies	Tempus eclipsis ho	m	Puncta eclipsis pc	m	Tempus casus ho	m	Duracio eclipsis ho	m
1	13 68	1	Januarius	6	7	54	9	44	1	30	3	0
1	13 68	7	Julius	1	13	18	5	9	1	22	2	44
3	13 70	11	Novembris	4	16	55	16	18	1	6	2	35
4	13 71	10	Octobris	25	9	9	11	42	1	34	2	48
6	13 73	9	7ber	3	7	30	0	8	0	34	1	8
7	13 74	8	Augustus	23	8	25	16	58	1	6	3	35
8	13 75	2	Februarius	17	12	14	8	40	1	20	2	25
8	13 75	8	Augustus	12	14	8	9	42	1	32	3	5
10	13 77	6	Junius	22	13	37	9	28	1	38	3	16
10	13 77	12	Decembris	16	3	53	15	40	1	8	3	36
11	13 78	12	December	5	11	59	12	3	1	20	3	16
12	13 79	6	Junius	1	9	46	0	10	0	34	1	8
13	13 80	10	8ber	20	7	41	1	48	0	57	1	55
14	13 81	10	Octobris	4	17	28	16	26	1	7	3	35
15	13 82	3	Marcius	30	11	54	12	27	1	21	3	24
17	13 84	2	Februarius	8	9	20	3	6	1	15	2	30
17	13 84	8	Septembris	2	12	21	2	46	1	6	2	13
18	13 85	1	Januarius	27	15	4	18	12	1	0	3	24
19	13 86	1	Januarius	16	16	27	9	12	1	13	3	2

Non [illegible] hora est subtrahenda a [illegible]
a cui sunt [illegible] [illegible]
[illegible] una hora equalis est subtrahenda

Hoc stannum in vas sublimatoris et pone tunc in eum eo ar. vini amalgamando sic iterum pone in vas sublimatoris et sublima cum infrigidatum remitte et quod sublimatum est redue super ipsum quod imansit et super stannum et sublima totiens quod non magis sublimetur sed maneat in fundo vasis album et pone in fixibulo super ignem et est luna et si una pars proiciatur super 10 veneris purgati est album

Sublimatum mercurii et lana bis vel ter donec aqua clara descendat et sicca et pone in cucurbita stet et calefiat donec rubescat et sicca impone forti aceto vini et mitte stare per 8 dies et effunde in aliud vas acetum et iterum sublimatum fac candescere et conte et extinguere in eodem aceto et fac hoc totiens quod fiet acetum rubeum ut sanguis cum hoc aceto imbibe pulverem stanni et argenti vivi sicut massa liquefiat donec totum acetum bibat de isto pulvere pone in testam et partes cum 3 argenti et modicum plumbi et depulue effundi cum comburens et tolle ea dum sit totus pulvis exeat per fumum et remanebit luna tincta colore citrino ut sol pone [illegible] de hoc partem unam cum alia parte una solis naturalis et est bonum quod videbitur experienti

Hoc sublimatum sui et vitriolum calcinatum in urina antiqua et fuerint ibi per 10 dies et appone sale armoniacum in illa urina imbibe et assa donec fiat pulvis rubeus de quo pone pars 1 super 10 partes Jovis et fit sol

Coagulatio omnium aquarum sic fit extra calidum et siccum pone [illegible] aquam quam volueris destillatam in vas vitreum angustum [illegible] collum et pone vas in cineribus super ignem lentum et coagulabitur infra duos dies in album si fuit vel in rubeum si fuit medicina rubea et habes totam doctrinam artis

Operatio solis vel solum purum et fac amalgama et pone in vitro et pone in cineribus super ignem sublimando mercurium ab illo et illud quod ascendit redue super hoc quod remansit donec sol fiat croceo colore et pulvis ut terra de isto sole recipiatur una pars et 2 de cinobrio fixato in pixide et super cupro alba et duo simul bene terantur cum posita in vitro cremantur per diem integrum sicut sol prius cremabatur et est rubeum sicut cinobrium integrum et exiccatum si hebis semen per festum ad rubeum de hoc semine recipe una partem et pone super octo cinobrii fixati in pixide cuprea totum operiente insimul ponentur et tunc pone in pixide de puro sole factam et procede in eo per omnia sicut in pixide de luna

Recipe de hoc semine solis partem 1 et de argento vivo sublimato pone 1 et de sale armoniaco 1 hoc tere simul bene et pone in vitro bene lutatum luto philosophorum pone intra in cineribus et fac ignem continuum lentum per 3 partem illius continue carbonibus quod durescat temptando semper si fuit liquefactum vel non et cum liquefactum fuit permitte infrigidare facto vitro invenies lapidem durum indurati rubeum hunc tere in pulverem in lapide calefacto tepide et habeas de aceto distillato 1 partem de lapide predicto 1 post ista duo commisceantur in vitro quod ponatur in cineribus super ignem ut calefiat et est aqua viridis coloris hanc mitte evaporare usque ad 3am partem et super pone ipsam postea mitte residere de hac aqua pone 1 guttam super [illegible] si de auribus medium loco penetrando aqua est perfecta et est aurum hanc aqua funde claram in aliud ipsum vas coagulando de in cineribus mitte aurum ut antea cum sale armoniaco et tunc pone in aceto ut dissolvatur sub eodem ordine ut primus hoc fac totiens quousque totaliter dissolvatur in aqua hanc aquam congela super ignem in vitro aperto donec fiat dura de eo pulvere pars 1 parte super decem partes lune et convertentur in solem sed mox non est sole licet cum una pars congelat 100 partes ch[illegible] et quelibet pars ultimus etiam partes cupri in veram lunam

Alius modus de oleo tartari Summe tartaros calcinatum ponendo super lapidem ad solvendum per se oleum solutum et sume de ipso 1 uncia sulphuris et 1 partem cinobrii et 1 [illegible] partes cum simul et superfunde oleum tartari supernatans et calcina tantum quod amplius non flamet tunc adde ibi una uncia et 1 partem Et totum illud pone in vas vitreum argillatum usque ad suspensionem unius digiti locando super carbones vivos

Innominus tu p(ri)mo p(ro)p(ter)eas luam flexis genib(us)
dic h(un)c versum Cl(emen)t(issi)ma d(omi)ne volād cum sup(er) nos
z fac hoc quam dm vixie z tue vade dominy
adorandam tua dicendo q(uod) n(un)q(ua)m p(ri)mum volu(n)t(ate)
volu(n)tas fac(er)e z q(uod) infide va(ria) p(ro)p(ter) volu(n)tas p(er)s(e)verare
z d(icas) alias or(ati)o(n)es h(ic) au(tem) fco sepci dicicimes ipac
z aqua z d(a)es elemosinam tua si aute dices duceq
fui(t) duplicata elemosina piemnys da z sic mu(n)dy
corpe z anima z balucar(is) z induc vestes mu(n)=
das lucas Cu(m) au(tem) opari volu(n)tas de aliq(uo) diffi(cu)l(ta)
p(ro)blem(a)t(e) s(e)n(s)u p(er) quo velis p(er)libes flexis genib(us) au
lau(dem) p(at)ris (con)ficcais d(e)o p(at)ri (con)fessioe ac fca d(icas) hac
or(ati)o(n)em Emicte d(omi)ne s(e)c(un)d(u)m tuam assistrice sapie(n)t(iam)
ut mecu(m) sit z mecu(m) laboret ut sciam q(uod) acceptu(m)
sit coram te om(n)i t(em)p(o)re z ut mai(or) in veritas h(ui)us
quo vis vel h(ui)us lib(er) difficultas Et h(ic) d(ic)es cer
indic dice z(º) aute mac tu surgis regnat(ur) d(e)o
dicendo Gl(ori)a z hon(or) virtus z p(otes)tas sedenti sup(er) tro=
nu(m) in secula seculor(um) amen Hoc dic flexis ge=
nib(us) Si aliau(tem) libri scia(re) volu(n)tas not(iti)a(m) quae ab
aliquo facte q(uod) liber tractet h(ic) aut(em) fco oper(is)
trib(us) dieb(us) sicud p(ri)mus dom(inus) est z p(ro)p(ter) cu(m) te de
posit(i)s ad docendum scribe in palma dextre
man(us) + A lpha + z o + z in dexi(t)o lace obdormi=
as tunc videbis sompni(ter) z audies vocem
informat(iv)is in isto libro maue aut fco api lib(er)
in eo legendo z statim habebis eius notitiam
z intellectu(m) z p(ro)p(ter) misticas fidei z in nullo articulo
errres postq(ua)m ipa om(n)ia devote z sinc(er)o corde fe=
cer(is) ipa miss(e) de s(an)c(t)o Joh(ann)e ... ewan(gelist)a Prime
collecte secundam de s(an)c(t)o sp(irit)u z (ter)ciam de s(an)c(t)a tri(ni)t(at)e
q(ua)r(t)am de s(an)c(t)a maria qualis eius fuit cui (con)ferva(n)t(ur)
vic(et) maria (con)servabat om(n)ia verba q(ue) (con)ferens in
corde suo | sic c(º) (con)ferven(s) om(n)ia v(er)ba audita et
memoraliter teneam Inqualib(et) hac missa debes
h(abe)re dom(inum) cereu(m) liu(m) q(uod) ardeat p(er) tota(m) missam
et quolib(et) die des vnam elemosina(m) Cu(m) aute(m)
de sacra t(ri)ni(ta)te missa cantat(ur) v(e)l dicta sit semp(er)
p(er) eu(m) sub silencio sacerdos i(n)ter se dicendo.
orato p(ri)nc. de p(at)re eu(m) ma(te)r deno(min)a(tur) hanc d(icas)

oro(n)em d(omi)n(us) om(n)i(u)m creatura(rum) opifex p(er) tuam
ineffabilem pot(enti)am qua om(n)ia (con)didisti extra
pot(enti)am tuam z veni ad me docendo z saluandu(m)
z p(ro)tegendu(m) ab om(n)i adu(er)sit(at)e corp(or)is z die
postea de filio dic hanc o(ratione)m xp(ist)e fili dei
vivi qui es spectator z f(igur)a p(at)ris lumen
lum(inum) apud q(uem) no(n) e(st) t(ra)nsmutacio n(ec) vicissitu(din)is
obumbracio om(n)i(u)m ... dei altissimi eu sa=
pia p(at)ris d(e)p(re)c(or) in indigno famulo tuo N. J
ve(ni)as sapie(n)s salutar(is) ut sapie(n)t(i)e i(n)t(ellect)u z cura=
re ... tua divinsa O sapia q(uod) ex ore
altissimi p(ro)disti attinges a fine vs(que) ad fine(m)
fortiter suavit(er)que disponens om(n)ia veni ad
docend(um) me viam prudencie De s(an)c(t)o sp(irit)u dic
hanc o(ratione)m De(us) qui disti(n)c(t)e tuis s(an)c(t)e dedisti sp(iritu)m
z cor(um) corda doc(er)e z illustr(ar)e dig(n)i es e(ss)e
in ... incod(e) sp(iritu)m veni sape z de(us) (con)sola=
t(or) p(ro)p(ter) gaud(ium) omp(ni)a se(m)p(er) fovere qui te f(idei) fun(dam)e(n)t(o)
o sp(irit)us o(mn)is d(omi)n(us) quo om(ni)s virtus cor(um) stabi
litur fons z origo z (con)servator o(mn)is rei q(ui)
es amator z rector p(at)ris da gaudiorum
p(re)mia da gr(ati)ar(um) munia dissolue lit(em) vincla
a stringe pac(is) federa qui dis(ci)pulis xp(ist)i in lig(n)=
uis igneis app(ar)uisti z ip(s)os d(ivin)i fice virtut(is)
lu(min)a illustrasti z sapientes fecisti ... Immitte
inter cas(us) tenebras z sordes elem(en)t(is) exp(ur)=
ga dando in ingeni(um) do(cilitatem) me(moriam) ... expeditam
clar(am) z capacem memoriam firma(m) z tenacem
ut tuis illustrac(i)o(n)ib(us) irradiat(us) z ut om(n)ia
visa z audita saller(ter) in(tellig)a(m) z ea intellecta
teneam memo(ri)t(er) indebil(iter) reg(u)ndum studendo legendo
discendo illa ita ut discerne(re) vana ... a fals(is)
iusta ab iniust(is) z te om(n)ib(us) p(re)fere z p(ro) om(n)ib(us)
venerari post h(ec) dic hanc oro(n)em
go N. T indignus famulus ... sup(er) salute
z om(n)i pulchritud(in)e dilexi sapiam z p(ro)po=
sui p(ro) luce h(abe)re illam veni intende p(ro)pe z audi
z in somp(no) illab(er)e p(er)infl(u)e ... tuo vadi=
o(s)o z (con)cede ut veniat in om(n)ia ... tu ...
Gra(tia) sp(iritu)s assit michi ... q(uod) cor meu(m) fa(ci)at
sibi h(abi)ta(cu)lu(m) expuls(is) in ... vicijs sp(iritu)b(us)

Post hec dicat te deum laudamus hoc facto dicat hunc versum
Benedicat me deus deus noster et benedicat me deus et
metuant eum omnes fines terre hijs dictis et devo-
te pacis dicat flexis genibus posse separare sepa-
rator da filij spiritum bonum Conmissa autem de sancto Jo-
hanne euangelista in medio certe dicat hanc oracionem Deus qui ecclesiam
tuam beati Jo. euangeliste apostoli doctrinis fundasti et
iuvenem tua pedes mitte eidem beato Johanni matrem
filie commendasti qui et os eius divine certe aperu-
isti et eum spiritu sapiencie intellectus spiritu consilij et for-
titudinis spiritu timoris et amoris et agnicionis sancte
spiriti replevisti tibi hoc divinas tuas spiritum meum
requiendo ut meum facias signum in bono ut vi-
deant qui me oderunt et confundantur quia tu domine
adiuvisti me et consolatus es me et cum dilectus
sum pauper N. in orphano tu eris adiutor post
hoc dicat deus — Ut quid domine recessisti longe
ave veni veni in nova signa et innova mirabilia
tua os meum sapiencie aperiendo et me spiritu sa-
piencie et intellectus replendo ut misteriis et venialibus
implendo qualescumque ut anima mea magnificet te
deum creatorem meum post hoc dicat hanc oracionem
Deus qui es alpha et o principium et finis dominus
domine ihesu xpiste qui de sinu patris in uterum virginis
descendisti invisibiliter et cum hominibus conversatus es humiliter
mereris super cuius pectus beatus Johannes apostolus et e-
vangelista tuus recubuit et fluenta sapiencie salutaris
potavit · inde da mihi felicem odorem inhabi-
tantem et omnibus alijs deinceps ut fluenta
sapiencie salutaris in presencia sanctorum angelorum
tuorum saluberrime percipiam et bona tua quod omnibus
actibus meis adhibitis fideliter merear defensare
et ad omne bonum operum prima vicibus dignus esse
post huius vite curriculum anima mea a mole
carnis separata et ubi opifici absque omni ma-
cula tua letans presentur et in faciem tuam
videam iocundam cum apparuerit gloria tua et
induar stola gloriosa per eundem dominum nostrum ihesum xpistum per
hic observatus in missa de sancto Johanne euangelista
Conmissa de beata virgine cuius orationem sic dicat

Maria conservabat omnia verba hec conferens dicat hanc
oracionem = O Maria beata benigne excelsa clemens
regina virtutum gloriosa quibus cetus meorum ordinatorum virgo
imperatorum angelorum devocione te exhortor per
felicem annunciacionem et salutacionem archangeli gabrielis convenientem
dicit mater · g · p · d · e · b · t · v · m · z · b · f · d ·
tui ave per felicem concepcionem spiritu sancto sinusque ventris tui
intra et obumbracionem et cum similiter angelo te inter
esse ancilla · d · f · m · s · v · tuum et per partum
tuum virginalem quem xpistum unigenitum · sic et humili te
invocacione peperisti et et obsecracionem dicere convenientes
angeli deo gloriam ecunctetur et 3 magi qui
secum deo filio rege magno munera obtulerunt
et per plurimum dolorem quod habebas quem filium tuum uni-
genitum in templo perdidisti et per leticiam quam
habebas dum eum in medio doctorum sedentem
invenisti te dicere fili quid fecisti nobis sic quod
ego et pater tuus dolentes querebamus te et per
amarissima cordis tui puncto hora passionis
eius dum tui cor amarissimus et doloris gladius
pertransiuit et per leticiam quam habebas ex eius resurre-
xione et gloriosa ascensione Insuper per tuam assump-
cionem virginis beate in celum ubi constituta es super omnes choros
angelorum ut mihi tecum digneris presence Iudigo
famulo tuo apud filium tuum benedictum dominum nostrum
ihesum xpistum cuius fidem profiteor cuius serviciis ob-
ligor et astringor ut spiritualem imperes fluenti sa-
lutaris sapiencie qui est sapiencia patris defici ecitate
cordis mei leticia secundum et ne clogis anxi-
lium sum ante ego enim devitus sum et pauper et
ego expectans solacium vectiosum O alma virgo
maria que genuisti xpistum digneris mihi concede prime
Ista autem missa finita elemosinas dat secundum opportunitatem
voluntatis hijs factis sacramentum salutis sumendo corde et ore
confirmas te in loco solitario et secreto admodum
venie nostre sicut dicit hoc per missam incidere
Isto finito dicit hunc per iuncte duce spiritu sancto
incompletoris legis hoc facto videas adpretem
expandas manus tuas in modum crucis facies
clamosis quamvis manus suspice dicit hanc oracionem cum intus
devocione — Deus qui pro nobis miseris peccatoribus
crucis patibulum et mortis supplicium subire

voluisti et sicud abraham filium suum declaratum ysaac
ymolavit et ego N. indignus famulus tuus hanc
peccator multis malis perplexus tibi hoc ymmolo et
sacrifico animam meam et corpus meum ut in me infundas
sapienciam salutarem inspirando qui prophetis tuis spiritum
propheticum infudisti hoc sancto et devote completo dic
hunc psalmum Verba mea auribus percipe domine etc. postea hoc dicens Domine
rege me et non in decet etc. postea hoc Hunc versum Vesper-
tina oracio ascendat ad te domine et descendat super me
misericordia tua postea hoc dic Hunc versum protege salva
benedic sanctifica me N. famulum tuum per crucis signum
morbos averte corporis et anime hoc contra signum nulla
insit michi famulo tuo periculum tue subiunge sta-
tim Sanctifica me domine signaculo sancte crucis ut fiat
in obstaculum contra seva iacula inimicorum defende me domine
per lignum sanctum et precium iusti sanguinis tui in quo me
redemisti Salvator mundi salva N. me
domine famulum tuum sancta dei genitrix virgo semper
maria ora pro me N. famulo tuo precibus quoque
sanctorum apostolorum martirum et confessorum atque sanctarum virginum
suffragiis peto ut animabus omnibus erunt bonisque
omnibus unde et per persolvi merear deum postea dic hoc oracionem
Deus cuius sapiencia celum fecit et mare suum cum
collocavit et omnes creaturas per sempiternam amacionem
condidit et plasmavit qui salomoni filio david regis
magnam sapienciam inestimabilem donavit prophetis prophetam
prophetis propheticam scienciam mirabilem inspiravit apostolis
fortitudinem claritatem martiribus spe et fide constan-
tiam confessoribus sermones virginitatis virgines virgi-
neo flore consignavit qui ab eterno electos suos pro
modo pelegit multiplicata sit in me misericordia tua deus
dando in ingenio et intellectu memoriam sensum et virtutibus
decoratum meorum sensuum firma et tenace et mirabilem
recentiva ut quas cum facultate sperando desperando
requiram per eam michi et influencia divina
assecuturus addiscam et cognoscam tui nominis
ineffabilem suppliciter valeam complacere postea hoc dic hunc versum
Illumina domine vultum tuum super me et miserere mei
postea hoc dic hunc psalmum Ad te domine levavi animam meam
deus meus in te confido non erubescam postea dic
dirige me in veritate tua et doce me quia tu
es deus meus et salvator ad te suspiravi tota die
postea dic Reminiscere miseracionum tuarum domine et misericordie
tuarum que a seculo sunt ne unquam deleantur michi
domini mei libera me deus ysrael ex omnibus an-
gustiis meis postea hoc dic Sit mecum et pone te
iuxta latus cum sedes in manu tua dextra + al-
pha + et o + et obdormias in eodem latere et te
inducas mirabiliter et magnifice deus altissimi
expone aures tuas ingracias dies postea que
venerabiliter flexis genibus dices Gracias
ago tibi domine magnis et admirabiliter qui dedisti
salutem et prosperitatem sciencias in indigno famulo
tuo et confirma hoc deus quod operatus es in me salubre
conservando Amen hoc sancto et toto opere sit completa
ea et devote pacta sive studio sive lege sive
dicere volueris dicas vel intra horas sive
versum Memor esto verbi tui servi tui domine
in quo michi spem dedisti hoc me consolata est
in humilitate mea Cum autem ea vis incipe lege
dices illa verba dicere cum maior devocione qua
potes Recordare domine omnipotentis tue da-
sermonem rectum in os meum et bene sonantem
ut alios informare et erudiam efficaciter ad
laudem et gloriam et honorem nominis tui qui
es + alpha + et o + videlicet inscripta sectorum
amen postea dic vel cogita Immensa sigillis
et in multa misericordia tua spe sapiencie et intellectus
et facturum me implendo amen Et signe deus
os tuum cum crucis signaculo postea hoc dic Conforta
me rex sanctorum principatum tenens et da sermonem
rectum et bene sonantem in os meum Amen.
Et sic habet finis huius operis super deo dico grates
hec est nota gramatice sic
Hic eloy + adonay + athanatos +
tetragrammaton + pantheon + ephyta +
ayos + ysthiros sanctus benigne pater agnus
pastor sacerdos tu es et verus alpha et o primus
et novissimus oracio O altitudo divicias
sciencie dei quam incomprehensibilia sunt iudicia tua et in-
vestigabiles vie tue et inscrutabiles da michi
sapienciam unigeniti filii tui in quo omnia et per
quem omnia fecisti omnium estimabiliter [illegible]

liniat s[er]ue h[ic] sp[iritu]s almus p[ro] omnia q[uod] volo
tua sanctissima voluntas velud fulg[ur] velo=
cissime cuplet p[er] tua altissimam pot[enc]iam q[uod] omia
pt z p[er]fice valet purissimam tua miam
oro qu[ati]nus i[n]tellectum meum mei p[er]felicissi
p[er]ficere fulg[ore] tui lumi[n]is illustres z obscura=
as tenebras inscie[n]c[ie] mee z ig[no]ra[nci]e longe
repellas quib[us] depuls[is] cape z intell[igere]
valeam que audio z ea intell[ec]ta r[e]tinere
me[m]o[ri]e r[e]comendare. D[omi]ne exaudi o[racionem] meam
z clamor meus ad te veniat. Oratio

D[omin]e qui corda hominum illustras
z addiscendi intus illuminas intell[ectu]m
sp[iritu]ali g[ra]cie in uberrissimo p[er] indulgenciam
tuam ut audita vere intelliga[m] z int[ellec]ta
memorie p[er]hemi commendem z r[e]tineam
oratio alia de eodem

Omnipotens pius z misericors de[us] q[ui]
das omnib[us] sp[iritu]m esse deu[m] ac p[ro]ducis
ad te de s[an]c[t]o sp[iritu]s g[ra]ciam michi indulgere
ut [illegible] vte p[er]feram veniat sup[er] me
s[an]c[tu]s sp[iritu]s radius qui faciat me presto
de[illegible] p[er]dere facultat[is] verba z eius
vocabula dicc[i]o[n]es z litteras sillabas z ordine
postea vere z ornate suo loco imponere
z cum p[ro]pria me[m]oria valea[m] [con]servare.
Ite alia oro qu[ati]nus ad omnes facultates

Omnis sapie[n]s z s[an]c[t]e de[us] amator in
quib[us] p[ro]ce[de]re no[n] est omnis disciplin[e]
sp[iritu]alis mag[iste]r z inspector p[er] omnes gl[ori]osos
an[ge]los z arch[angel]os cunctos p[ro] thronos dua[ciones] p[ri]ncipat[us]
z potestates p[ri]ncipatus p[er] cherubin z seraphin
p[er] x[xiiii]or seniores z p[ro]celestia x[ristu]s amalia
z po[tes]t[ate]s militia celorum adoro deprecor
invoco afflagito sp[iritu]s s[an]c[t]o imploro te bene=
dicor z glorifico z exalto sanctissimu[m] et
terribile z inuictissimum nomen tuum z q[uod] so
ut hodie racionem mea[m] sp[iritu]s s[an]c[tu]s lu[m]ine et
gracia tue visitacionis fecundans et
corroborans illustres. Item alia oro
quinus ad omnes

z archa[n]g[e]los

Adoro te corpus meu[m] z d[omi]n[u]s meu[m] vita mea z
sp[iritu]s mea salus z s[an]c[t]us mea qui horrenda
una divisor[um] qua[m] linguarum edificat[i]o
turrim dedisti z qui sanctam ap[ost]olis tuis vinctere
sp[iritu]s tui s[er]vaffore qui nos doz deo[m]nib[us]
h[ic] lingu[ar]is repente loqui co[n]stristi p[er]uerse=
te ubi cui in quo omnia creasti p[ro]tate h[uius]
sacramenti inspira in cor meum z infunde
in illud rorem s[an]c[t]i sp[iritu]s afflatus lu[m]ine effi[ca]ce
hui[us] oper[is] intelliga[m] z expedicio lingue
z ar[te] capax ingenium consequi valeam
Amen. Hec est nota logice facultatis
Incipit oro que dici d[ebe]t an[te] i[n]cepcionem
logice sicud g[ra]c[i]a de voce meruit [illegible]

D[omin]e cui omne cor patet z o[mn]is vo=
luntas lo[quitur] z incui[us] [con]spectu omnes
gentes gene[ra]c[i]o[n]es sunt p[ur]ifica co[m]p[re]hensio[n]e
s[an]c[t]i sp[iritu]s intellectum meum intelligencia
mea ut p[ro]pos[itio]nes sophisticas logice intell[ige]re
valeam z ea intellecta s[er]mone q[uod] ra[ci]o[ni]
salua z inter[illegible] appos[it]as formas g[ra]c[i]a [illegible]
refrangere i[n]ferre z dea adu[er]sarij forti
instancia possim [con]futare Sit lingua
mea ut gladius acutus s[er]mo m[e]us sermo
z [illegible] plenus [illegible] multi[illegible] verbor[um]
z facu[ndi]a z s[er]mo p[ro]ndera[n]s z u[er]o ap[er]t[u]s
subito z inspirato cum sapi[enci]a z eloquencia
v[er]us sp[iritu]s s[an]c[t]i gracia valeam adimplere

Amen

Adquirendum i[llegible] ultima i[n] stannum arg[ent]i
acc[ipe] stannum z liquefac z funde sup[er] supr[illegible]
v albugi[illegible] cui s[illegible] eius [illegible] fac h[oc]
[illegible] vicia deinde funde sup[er]i[us] in lac
[illegible] [illegible] mollificat[ur] z c[etera] luna p[er]fecta
[illegible]

Adquirendum stannum inargentum acc[ipe] ollam
nouam z impone stannum z liquefac p[er] q[uo]d lique=
factum fuerit acc[ipe] sal pet[r]i z [illegible] inolla
p[er] q[uo]d fuit z infunde in acetum forte in
aliqua vas z obstru[illegible] [illegible] z h[oc] fac [illegible]
[illegible] argenti stanni talem p[ro]porcio
salis z [illegible] buius libri

Item accipe argentum vivum et misce cum aceto optimo usque colorem perdat et funde desuper stannum liquefactum et vertetur in argentum purum. Acetum enim aufert fetorem et molliciem et durum reddit argentum. Eius vivum sublimatum et reddit famale argentum et si nimis album videatur parum adde de cupro et habebit argenti colorem.

Accipe libram unam vivi argenti sulphuris vivi unam. Primo liquefac sulphur in patella ferrea vel scutella de [illegible] super cineres calidissimos et cum liquefactum fuerit infunde mercurium et move cum spatula donec fiat quasi modo pulvis et de mercurio non appareat, tunc effunde et tere in vase sublimando fac cinobrium et primo da lentum ignem una vel duabus horis postea ora prodita decem dein nobis feo accipe postea et [illegible] cum de [illegible] quod est de mercurio exsiccato et pone omnia in vas ita quod partes due vel tres sint vacue et stringe os vasis lineo panno et sublima et postquam infrigidatum inveneris mercurium et salem armoniacum suprius sublima et deinde sublima cassus forcius bis et hoc fac tamen sine fecibus tunc habeas unam libram de [illegible] vero dissolve cum aqua simpliciter tunc illa aqua siccata mercurium super lapidem et exsiccata et hoc fac tamen [illegible] et pone [illegible] et super funde aquam [illegible] ut ad dimidietatem fiat [illegible] et da lentum ignem candele tribus diebus et noctibus et coagulabitur mercurius in sale armoniato sale [illegible] et effunde aquam quod in [illegible] tante [illegible] illud quod est coagulatum quasi modo cristallorum exsiccata de hoc pone quasi modo pise super laminam candentem cupream et fluet sicud cera sine fumo. De hoc mercurio pone unam partem super quindecim partes bullientes vivo argento et statim intrabit venam et indurabitur quasi modo argenti naturalis. De hoc mercurio accipe partem unam et pone super [illegible] partes cupri et erit quod optas. Solve iterum deinde mercurium cum aqua quam effudisti et da iterum lentum ignem candele tribus diebus et noctibus et coagulabitur in [illegible] splendidius et tinget duplo plus. Nota quando videris mercurium purum et lucidum in colore stanni in fundo vitri et salem armoniacum adlatata [illegible] scias per veritate quod una pars tingit [illegible] partes [illegible] et deinceps

Widder dy [illegible] of den [illegible] [illegible] dry [illegible] [illegible] und [illegible] [illegible] [illegible]
und drey [illegible] adder [illegible] [illegible] und [illegible] [illegible] daz mit [illegible] [illegible] und
[illegible] daz [illegible] [illegible] zo [illegible] [illegible] [illegible]

Alzus macht man daz kuppir reyne nym daz kuppir und mache iz nas myneme essige und sprenge salz dor uf und legis yn dy koln und [illegible] yn den koln und [illegible] yn dem [illegible] widdir us und slak is mit eyme hamir dune of eyme ane-zo [illegible] daz tuch [illegible] drye addir viersten zo ist iz gut

Nu wysse zo sal man dy pulvir czu wasser brengin [illegible] pulvir und thu is yn eyne blase zo henges yn ey warm wasser zo gu smelczen sey und werden czu wasser

Abir merke dese kunst ist [illegible] eyne [illegible] meysterlich und geboirn man-cherley salz dor czu daz sint dy pulvir. Czu dem erstin sal armoniacum sal [illegible] salz sal [illegible] salz [illegible] stey salz sal [illegible] und gemeyne salz. Nu sprechin dy meystir von den pulvern daz sint dy salz wan man dy gu wasser brengit mit dem wasser mak man daz quecsilbir [illegible]

Incipit opus super motus lune maxime tunicentibus et ... ape

Inplarvensi opido compositum vtilis facilis et planus. Iudicemus igitur radice anni adquirem calculator. Est autem radix anni infima iuis signo gradum et minuta insime precedens anni considerans a meridie ultime diei decembris. Enarrandi istius sille sunt a meridie ultime diei decembri. Ad medium motum lune inveniendum facilit cottidie de singulis annis 2um medium motum lune invenienda. Secundo requirit inveniendo signorum loca lune diuidit et venemus. Secundo requirit inveniendo signorum loca lune que patebit in hiis versibus. Isti sunt versus signorum lune.

1 1 1 1 1 2 2 2 2 3

Signa stant sua ars ac ast al ba bi be bi ucas

3 3 2 3 8 8 8 7 7 7 7 7

Cum co co con dens dan dos de er es et est ens

In istis versibus tantum sunt quinque littere scilicet b. c. d. e. que significant signa vbicumque fuerint reperte in principio alicuius sillabe cetere autem littere nichil significant simple que sit. Cum supplemento

13 26 39 72 7 19 20 87 78 11 28 8 89

Mari ri bri lux da sa nas gus tat fe du sil mus

8 1A 3A 83 7A 10 23 36

ca me ri bux tus ia se dum lus ba pa vi ren squa

82 0

Ce in pu mil na gu dur mux te fo lin ron iul

Hec omnes hee sillabarum significant gradus lune et semper prima silla deservit vni diei ultima vero sillaba significat nichil representat in gradibus. Vbi nota quod in hac practica sexaginta gradus vnum signum faciunt physicum et sex signa faciunt vnam revolucionem et tria signa communia. Vbi nota quod duplicia sunt signa scilicet communia et physica. Communia sunt que habent 30 gradus. Sed physica sunt que habent 60 gradus ut in aspectu geometrali. Et de istis versatur presens nunc intencio. Et semper vnum signum physicum valet tantum sicud duo communia. Item explanatur minuta per hunc versum

10 21 31 60 12 3 18 28 82 87 16 8

Fit va su mu pru ba ie du pon gus tin be

1A 28 38 89 49

me ti su sul sere scr

In hoc versu quelibet silla cum omnibus suis literis significat.

minuta lune ad meridiem finiri. ¶ Item nota considerentur novem dies in anno principales quibus predicti versus signorum graduum et minutorum inchoantur quos invenies in anno communi per istos versus

¶ Cy las ta flor tri iac viii ka da signis las fla trac-
lix dat etiam quo Cy las ta flor tri iac viii lix ka
loca versus Cy lis trac etnix ri teris di ca teris to bisex

Ubi nota quod versus signorum primitatem incipiunt. Nam ad primum diem principalem accipimus primum versum signorum primos dextri deinde secundum et tercium primum deinde secundum et tercium dimittendo reiterando donec constat signum. ¶ Ad secundum vero diem principalem primo incipimus secundum versum signorum deinde primum et sic utrumque tunc reiterando. Ita semper ad illos dies principales scilicet ad primum et ad tercium et ad quintum ad septimum ad nonum primo incipimus istum versum Signa stant. Sed ad illos dies principales scilicet ad secundum et ad quartum ad sextum ad octavum primo incipimus istum versum Cum quo eo eo con si et g. patet quando isti versus sint quod plures occupaverunt locum hic volui. ¶ Primitatem si venire ad diem placidum cognoscimus primo considerari in versibus Cy sio ianus que dies principalis sit precedens eius primum minutum per hunc versum Cy lis et a bissa silla una secundum ordinem. ¶ Consideramus usque ad diem placidum Incipiendo in primo membro indicis sinistre manus et transeundo de uno membro ad aliud de uno digito ad alium deinde manum ad aliam donec venias ad diem placitum cuius membrum diligenter considera. Hic eo minuta eodem modo primum versum signorum scilicet Signa stant primum vel secundum ut patet supra et quecumque silla tetigit membrum placiti diei illius sille prima littera ostendit signa lune quesiti scribe deorsum vel seorsum. ¶ Primum hic minuta ipsum eodemmodo scilicet certi brevi ponendo in quolibet membro unam sillam et silla superveniens membro signato erit gradus lune cum omnibus hiis suis quos condus tantum scribe deorsum ad signa prius inventa deinde minuta istum versum. Sic vel in modo predicto usque ad membrum diei placiti et silla tangens membrum minuta lune in puncto. ¶ Et si versus signorum vel minutorum deficiat resumendi sunt donec veniatur ad membrum signatum. Hec minuta scribe post gradus predictos. Ultime sille minuta signorum graduum et minutorum iudices Illius anni subsignes [illegible]

minutis primus inventis quolibet subtractio g... & adde minuta radicis inven-
ta minuta. Si tunc ex tali additione 60 vel plura provenant vel excre-
uerint minuta tunc post 60 minutis adde unum gradum gradibus
inventis et residuum pone loco minutorum & postea adde gradus
radicis ad gradus inventos. Si tunc ex tali additione provenerint plures
quam 60 gradus adde unum signum signis inventis pro 60 gradibus
et residuum pone loco graduum. Secundo facto adde signa radicis & signis
primis inventa & si ex tali additione excreverint plura signa quam
sex tunc deles 6 subtrahe quotiens poteris & quod remanserit hoc est
numerus signorum lune ad meridiem diei propositi. Sed tunc quod tu
pro quolibet signo physico computas duo signa communia & pro 30 gradibus
sume etiam unum signum quia 2m quia 12 sunt signa in celo & ubi
terminatur numerus signorum & minutorum ibi est precise medius motus ipsius lune.
Modo si volueris invenire medium motum lune ad aliquod aliud tempus
post meridiem tunc divide diem in 60 partes quas dicunt minuta dierum
& vide quot minuta dierum sunt elapsa post meridiem ... minuta prima ...
digitorum ut prius dictum est de motu lune & considera ... [illegible]
eodem versum istum signa stant ... illic ad-
... est gradus cum prima ... quos ... adde ad motum lune inventum
ad meridiem diei placiti. Si autem ipsi versus deficit ... ad meridi-
em ... tunc & quotiescumque ... toties adde 6 ... gradibus inventis
... & sic similiter poteris invenire per istum versum ... modo eodem modo
... calculum ... et ... Fallit tamen ... Unde ... 2m
... principalibus diebus ... flor ... Sex ...
ad equationem ... quinque ... alterum versum signorum
... Si tunc advenerit unum ... sagittarium
... Sed ... ad meridiem diei placiti tunc signis inventis ... unum
... signum antequam addens invicem unde ...

Advenien**s** a ca et cun**s** versus in apte alter
A signis signum reperies auferas unum

Nota quod ... minuta ... primo die principali ... ad ... diem principalem
... adde ... minuta cottidie ... aliis diebus principalibus ...
... principali ... in 3o die principali & de aliis ad ...
... quod patet per hunc versum subsequentem.

Dei fre ... gro ... ad grad
... Ubi nota quod omnes ... minuta & prima

sillaba desinit secunde diei principalis, secunda sillaba desinit 3e diei principalis et sic deinceps. Vide igitur in quo die principali inchoasti quod sillaba de usu omni sit et desinit ei quod quod ibi signant minuta vel gradus tot minuta vel gradus adde gradibus et minutis primis inventis.

Habita una radice si volumus sequenti anno radicem invenire et primo quia locum lune ad ultimum diem anni sit sillaba et quod desi- gnis signis 5 gradus et minuta inveniet sunt predicte anni sequentis si volumus sequenti anno radice invenire. Et primo quia locum lune ad ultimum diem ut patet per hos duos versus 5 et iunges sic radix incohantis et post bisextile per 6. bu mang radicem. Nota quod per hunc onerepte? presti convenius locum lune medium ad quem regionem vel dumodo sciamus unam radice anni ad longitudinem ad similiorem eiusdem regionis. Est autem radix anni in opido plawesi? ad annum domini 1349 talis scilicet duo signa sex gradus et ta minuta per medium motum lune radicem sequentes deinceps convenius in opido eodem et domibus locorum eorundem media in ... et ut non obliviscatur radices tue potius ... ut dic- tas assignans in gradibus vel ... minuta signorum graduum et minutorum. Quoniam possumus ut in hac docere bisextus habes radice ... litere primus sillaba- rum ... litera 2e sillabe scilicet f non 6 gradus ... prima litera 3e sillabe scilicet ... nonum ... minuta ut expedies tempus vale ad ... venias faciliter devenitur dantes hunc versum

aries taurus gemini cancer leo virgo libra

Beth ne tnor in me mas bis ibi me ios
respice venas

Vide igitur in quo signa sit luna et in quo ad illud signum invenies et dein ... eiusdem versum priorem ponendo in quolibet membro una sillabam et tunc quere que sillaba supervenit in ... primo prima litera sit valere vel dampnum flebotomie quod si fuerit b ... sit bona flebotomia si fuerit ... mala si fuerit i indifferens sit flebotomia ... maxime est inspiciendum aetate lune ut patet per hunc versum subsequentem.

Ante diem quintum post vicesimum quoque quintum
Ate vitanda quasi mors est flebotomia

Et ne timeas dies egipciacos dudum improbatos nec dies spe- ciales signatos in quosdam kalendariis quod non sunt defin- ... luna est in bono signo et cum bonis planetis. Et mole- stum est sanguinem minuere in diebus canicularibus. Sequitur

Nunc dicamus de aliquibus defectibus lune quod est signum mobile

Nes

2m dist signorum in quibus modicum. Unde qui sunt in ariete rasioni[bus] incidendo capiti contradicit ventuosas collo vel in auribus vel in totius capitis medelam fieri prohibet vel minuit. Optima tamen est sanguinis minuendo in brachijs ingredi balneum utile est. Optima in tauro est in regno cuius est lesio. sta suo descendere arborum et vineam et quod seminibus plantatibus uti lissima cito crescunt et anguitari festinat edificios masios in ijs et operibus ligneis que diu durare est. Optima guttur ligare et colli passionibus mulieres est medicando. Optima in geminis sanguine de brachio non minuere quod sanguis egredi non potest aut medicinam morbum incipit nocivum et tali plerumque vocare solet sic quod sine pena. Ungere non decet de scapulis. Optima in cancro subaumblante per
inde propter tota intima medicinam medelam. Optima cancro subaumblante per
ipsis propter tota intima medicinam medelam. Optima in leone sanguine pectoris incidendo et curare pe-
ctoribus sumendis comodosa. Optima in leone sanguine quos
enus sunt contradicit in mare bonum. Optima in leone sanguine quos
respirat prohibet dari vomitum et potionibus sumendis obviat ne quos in
medicine stomacho et vicinis partibus prohibeas vestimentum novum non induas
accidit plerumque non ipse letali vulne ut teneat que multi (velut) subeat.
Optima in virgine seminibus et agriculture fiat alius duce vel potius
virginem perfirmat si potius corporum nam celi inhonorosa aut
propter castitatem difficilis et superbiam in cessione et in hijs et in illis
adiacet medela negatur. Optima in libra negociari fac. trapezete et
omne opus dura. Flebotomia est laudabilis seminibus et elactifugari
medela. Optima in scorpione quod tunc nichil pro discrit (?) evacuatione fieri
non laudat. Vid. vulnerato succurrit. Item in mare pagendo cordiat
manne ascendentibus est contraria et pepitima lunamque sit timenda pri-
dies ni. ire prohibet prandibimndis et cito nullum confert medicine so-
lacium. Optima in sagittario coxis et auribus nege medela balneum
ingredi insanum capitis rasura. Ungere eum plaspo et flebo-
tomia laudantur. Optima in capricorno seminibus et agricultura facili vide
sed genubus negat medicinam. Optima in aquario suris et tibijs me-
dicamine solacium medicamenti tollit. Capibus durat debentibus sanet. Optima
in piscibus et potissimum ardet potionibus sumendis pedes et in omnibus pedi-
bus. Piscibus medicina negabitur
nunc aliquid de quantitatibus sol et luce deo fam.

Nunc dicamus primo de medio motu solis est extra tria modicum ponimus
h quatuor radices motus eius quatuor annis solaribus
tribus quibus desinentes ut habeatur per hunc usum in medietate sexagesime

28 23 28 8 1a 1a RA ko

Casigua lun cu lur ga nis var spo cr u tadr

Prima quidem silla f. ca sunat signa et omne radices de duo bo hic
tu ca prima silla notat signum. Et 2a silla sunt ca. quot minuta radicis
ad primum annum quiescat dato bo lu ga ponet ad 2m annum quiescat sunt bis.
quomodo ptz ad tertium annum quiescat sunt spo cun ci ptnz ad annum bisextilem

Inde clavis primarum versuum de principalibus diebus vadit[?] ibi cum[?] ... in motu solis et

sic alma floret ... [illegible]

Crux cane ces gi ne motum dant tibi phebi

Vide primo quomodo sit dies principalis primus versus qui proxime precedit diem; proposita in ista sillaba principali incipe sedes et ea in superiori membro pollicis sinistre manus inchoando 2a 3a 4a versum Cysioiani. Et sic per quos membra ambas reditur sol eidem anno desinente per sua ... vide et quod dies principales infimo membro pollicis sinistre manus et incipe in 2o membro nare[?] eo sed unum duo 3 4 5 et una addubetur[?] signum et inde illuc cadens vel veniens erit ... sibi et scribe eos sub ... reditur deinde una ... de mo[?] sed 8 9 10 deinceps incipiendo in 2o membro pollicis dextre manus transeundo de uno digito ad alium de una in unum ad aliam ita quod unus veniens ad ultimum membrum unius digiti incipiatur in primo membro alterius digiti et quousque veniris ad membrum dici placiti sine prepositi c[?] in eius numeros sol et scribe ea sub numeris reditus. Et ... sic adde minuta decem minuta reditus ... ad ... signa ad signa secundum ... impressi lune et patebit motus medius solis ... per que computes 20 signa pleno venti signo et 30 ... pro uno signo propositio in anno bisextili in vigilijs principalium dierum incipiemus excepto primo die principali puta Cisioiani ... quidem operatio ostendit prescripte motu solis cottidie in medie sine sillaba usque ad 2m diem principalem quia alibi et deinceps pariter dies principales tot dies et tot minuta addunt minuta in versus prout per pre-
-sens subscribitur

Scala vii po in sol' iunge meata

Ibi quoque sille sunt minuta desinencia quinque diebus principalibus et diebus aliis intermedijs sunt ingeda[?] ita quod ... minuta ... in diem sequenti in 2a die principali et sic deinceps usque ad eundem diem principalem cottidie minuta in ventis sunt addenda. Et ... radices hic posite sine deceptione desinunt quatuor annis illis videlicet 12 · 18 · 17 · 16 sed postea fallit et fiunt addno minuta ... adhibenda sequentibus xx annis deinde aliis ... minuta et cetera. Deinceps sic coniungenda ...

Hic prima coniunctio solis et lune et quelibet alia in anno invenitur querere medium motum solis et lune in aliquo die iam ... invenies eos esse in uno signo ... et scribe motus eorum. Et si tunc in venis in eodem signo gradus et minuta tunc est coniunctio proposita in die ad illum diem ad quem operatus es nisi autem sint in diversis signis gradibus et minutis ... ad aliud diem in qua differentiam addunt ... et subtrahe motum lune a motu solis et illud quod remanet ... minuta vocatur distancia. Considera quoties possis ... 12 gradus et minuta tot dies dici adde ad quem es operatus

Istis gradibus et minutis subtractis de diebus notis vide quot gradus in dispositione remaneant et post gradibus 4 minutis accipe medium diem et 12 horas deinde post gradus accipe duas horas. Istis gradibus detractis in dispositione fuit 20 minuta minutis accipe unam horam et pro quolibet minuto dispositionis accipe duo minuta hore vel horam. Debet etiam dispositio fuit emendata et quod ibi collatum fuit de diebus horis et minutis. Hec vocatur tempus medie coniunctionis. In hora incipias in medie illius diei ultima ...

Prolongus que gradum mox quemque numeratum binis
gradibus pro duo dum simul ponere minutus dum
diemque diem per gradibus et minuta horam reddens ca
pias pro hora illa binne primum minuta

Inventa prima coniunctione facilius poteris de ceteris coniunctionibus aliis aut anni a precedenti ultima

Adde dies et horis in igitur que

Scribe itaque diem cum horis et minutis ... coniunctionis anni dominicae et adde diei coniunctionis 29 sequens dies non de sillaba ultimi diei in versibus ... vel kalendarium. Ipsas horas pone coniunctionis adde ad has ex quatuor additione si excreverint 20 tunc adde diem post dictis diebus pro illis 24 et residuum pone loco horarum. Ultimo minuta prime coniunctionis ... minuta si excreverint 60 minuta pro illis adde unam horam ... et residuum pone loco minutorum. Ubi autem invenies numerus dierum horarum et minutorum ibi est coniunctio. Et similiter devenias unam coniunctionem per aliam ex precedenti. Et sic ... computus. In nomine eius qui cuncta plasmavit.

Explicit ... per ... compilatus a quodam presbitero

Scribe in costam nomen tuum et mulieris bel ebel bel in principio in medio nomen tuum et nomen mulieris in fine ebal et pone ad ignem fac crescere costam et quando est in maximo calore lege ... quia vos spiritus infernales bel et ebal quorum nomina in ista costa scripta sunt ... per thronos principatus et potestates et dominationes per cherubin et seraphin et omnia que sub celo sunt ut nunquam requiem habeat ... in amorem meo ... ardere faciatis

Dilectissimo sibi in xpo socio et amico [illegible]
loco [illegible] scripte et [illegible] presenti [illegible]
monimenta cum vera [illegible] ac [illegible] so-
cietas me rogavit ut quedam vobis de hiis que
circa mulieres naturaliter existunt secreta et occulta sunt
manifestarem. Visa petitione nulla pigricia [illegible]
[illegible] ac [illegible] caritatis dei petita
in me retraxit [illegible] pusilla ac [illegible] mea
[illegible] possit et [illegible] oportunitate ad alie-
[illegible] vestro cupiens appetitui satisfacere hac
presente epistola mea [illegible] vobis stilo
inepto [illegible] et mediocri [illegible] michi videbatur oporte-
re nunc ascripsi. Rogo igitur vestram constantiam ut in hoc opere
et negocio constans et celans sic [illegible]
[illegible] in moribus [illegible] vobis
prima de hiis et de aliis [illegible] opere et mediante metho-
dus [illegible] deo concedente de generatione
[illegible] philosophi de generatione et corruptione. [illegible]
[illegible] est et [illegible] in generatione [illegible]
subdit philosophus in 2° de anima [illegible] naturalissimum opus [illegible]
[illegible] sibi simile generare [illegible] participant
deo [illegible] appetitu ut [illegible] non [illegible]
[illegible] potest [illegible]
[illegible] subdit [illegible]
[illegible] non ut non [illegible]
et precipue homines [illegible] non [illegible] 2°
de generatione [illegible] quorum [illegible] sua quia [illegible] non [illegible]
[illegible] non [illegible] quorum [illegible] corporis
[illegible] non [illegible] hominis [illegible]
[illegible] actum [illegible] ut [illegible] subiectum
[illegible] hominum [illegible] [illegible] in generatione hominum sit
perfectissima quia homo est nobilissima creaturarum [illegible]
[illegible] in 2° de anima [illegible] plures operaciones
[illegible] tanto nobilior est homo autem [illegible]
[illegible] ut [illegible]
[illegible] omnium philosophorum et precipue [illegible]
[illegible] homines inter deos sit [illegible]
[illegible] ad
[illegible] hominis [illegible]
[illegible] perfectissima et omnium [illegible]
[illegible] et non perfectissima [illegible] appetitu
[illegible] generationibus sed
[illegible] esse in esse [illegible] appetitu [illegible]
[illegible] et precipue generatio hominis [illegible] omnes [illegible]
excellens in nobilitate [illegible]
ad [illegible] hominum
[illegible] in 8° physicorum [illegible]

Primo [illegible] opere [illegible] de generatione [illegible]
in [illegible] illius generationis [illegible]
[illegible] videlicet que apud [illegible] mulieribus sunt
occulta. Intelligendum quod non [illegible] omnis homo qui generatur
[illegible] generatio [illegible] 2m [illegible]
philosophorum et medicorum [illegible] medicorum [illegible] non
[illegible] feminine [illegible] fetum [illegible] fetus

[illegible] spirituali [illegible] exhalare.
[illegible] autem dicitur [illegible] ex parte patris [illegible]
[illegible] menstruum [illegible]
[illegible] in mulieres [illegible] vocatur [illegible] sperma [illegible] semina
[illegible] et [illegible] admis-
[illegible] semina
[illegible] semina
[illegible] sit [illegible] mulieribus [illegible]
[illegible] possunt [illegible]
[illegible] sit clausa sit [illegible] menstru-
[illegible] mulieres. Intelligendum quod non [illegible] menstruum [illegible]
[illegible] alimenti [illegible] non [illegible]
[illegible] sperma [illegible] menstruum [illegible]
[illegible] admisceret [illegible]
[illegible] quia [illegible]
[illegible] menstrui [illegible] purgacionem
quibusdam [illegible] fluxus [illegible] quibusdam
[illegible] omnes mulieres [illegible]
dolorem patiuntur [illegible]
[illegible] mulieres [illegible]
[illegible] fluxus sit per [illegible] sanguis vel
[illegible] quod non [illegible] corporis [illegible]
menstruorum sanguinem [illegible] corporis [illegible]
[illegible] in hiis [illegible] sepe [illegible]
[illegible] coloris et non [illegible] corporis [illegible] mulieres
[illegible] fluxum
[illegible] menstrua fluunt
[illegible]
[illegible] menstrua fluunt
[illegible] sanguis [illegible]
[illegible] mulieribus
menstrua fluunt [illegible] alimenti [illegible] non [illegible]
fluunt [illegible] alimenti [illegible]
[illegible] mulieres [illegible] frigide et humide nature [illegible]
[illegible] de [illegible] humidi [illegible] meteororum
[illegible] quod [illegible] mulieribus [illegible]
[illegible] calor [illegible]
[illegible] calor [illegible] calor [illegible]
[illegible] celi et mundi [illegible] calor
[illegible] mulieribus [illegible] debilior [illegible]
alimentum in mulieribus non possunt [illegible]
[illegible] in loco [illegible]
[illegible] mulieres menstrua [illegible]
[illegible] post [illegible]
[illegible] menstrua [illegible] mulieres [illegible]
[illegible] menstrua [illegible]
[illegible] menstruum fluunt [illegible]
[illegible] menstrua [illegible]
[illegible] finaliter ut de [illegible]
[illegible] mulieres [illegible] possunt [illegible]
[illegible] nimia [illegible]
[illegible] purgat [illegible]
[illegible] et [illegible]
[illegible] fluxus menstruorum naturalis. [illegible]
[illegible] materia quia apta nata est [illegible]

pellendum in contu. Et v 1° et solum quod dubium
qui mulus in pugna multum appetunt coitum quia opp-
(ositum) coitus est ipsum habitum, in se sic fit et ideo cum
et se mutuo reticent in omni est eis ad agere et
ampliorem maius appetunt coitum et coitus in
habitum bulla mulieris calefacte et ideo appetet
His visis videndum est de forma fetus in matrice.
Mulieris fetus vero post formationem quedam vero in
utero post in mulier ut magis vel forum lactis sup
pro diebus illis sunt ante calorem sic lactis propter
calor naturalis in femina in duabus et alor in
mulieris vera per in mo sed lac de alba de in in
tumorem ad magis vel ad colores singulos semper et aque
decocti per 9 dies post vero ab 1° est fit consolidatio
in mulieris viri fetus et hec per 12 dies. Sunt per
non quod dicit philosophus quot dies quot quinque dies
sanguinem lac elevat et ideo per in tali in etiam debet
in forma essentia vero est in ante dicit in sim
sale et eius elevat post vero solum forma facies
et dispositio corporis cum dimisio sicut in longum
latum post 2 dies fit per 18 dies. Ab 1° vero et in
incipit natura forum ad essentiam et ideo per in dein est
longo sunt consuevit dicto per hoc versus dem
sinistri pro inepte diem. Est quasi lac
religio qua consistit in assolidat 12 dies
bis novem de tempore effigiat quoque que se
deducit ad ordinem ante ante quod quam peccata per
eius assignat tamen ponit ignit depictis et
sicut multum efficit adeo que hic forma et ideo
ut ignorant mee se bal de succes da forde
fetum cum in fluxu plas non de tabo s-de

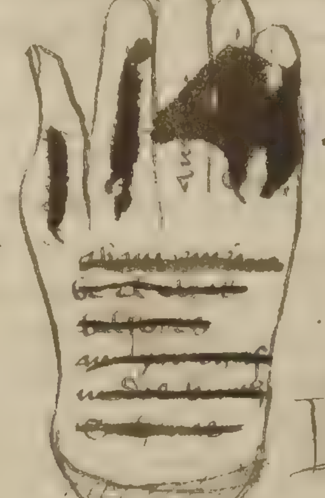
Ursi animam quasi volucres sine domesticam et in sicca eam
versus orientem et extrahe cor eius et in extrahendo dic
extraxi cor tuum. B. filiam nominando illi quinis etiam
mentem nominando deinde pone ante ignem et plinza
eam cum omnibus plumis eius tota absque corde deinde
cum pulvere predicto cum cum decera lignea fac ymagi-
ginem et scribe nomine illius quam desideras super caput ymaginis
Et pone cor avis predicte in loco cordis ymaginis
et nomen virilis scribe super cor ymaginis Et pone in
aliquo panno mundo et albo iacendo calefac ad ignem
assatione moderata et interim dic illa verba · yamaloth
· yaebelkoth · yabebul · beleys tital · yaral · custuli
· kelbyor · yannis · et hos karacteres scribe pro super pectus
ymaginis cum acu vel palo novo [symbols]
[symbols] hora hora luna hora
hora inceptionis sextadecima noctis vel 2 quando
facis vel tertie computando hora ab aurora i. ab hora
qua est ad ortum solis et fiet septem vicibus septem noctibus
donec eum maxime hec experimentum hora et ad ve-
endum quod homo sit locus et incredibile est efficatie
et iudeus habet et signorum tempus est per incessione et vel
x b cat 8r die maximum omnium artium arte fides

Ich spanne hute dese wane · mit brutigs hant
mit dantmigis hende · mit alrune gebende ·
· der do bant den steyn · daz her us beyn
· der do bant den ottir · daz ze wey wotte
· der do bant den fuchs von der fuchsinne
· alz bindich dich N. hute zo al dine wolwlicher sinne
· Ne komstu nimstu hute no mir f. uf steyn
· Ne komstu noch mir zu stule geyn
Ne komstu nach mir dirhezzin ·
Ne komstu nach mir dirslengzin
Ne komstu nach mir vallin in unmacht
daz gebite dir got und dy helige gotis craft

Addit hic palma duas semel de bas istis nove
palmas insufflando et hic dic lima et in augmento
faciendo noviter in nove diebus et hic desero

Si vis facere corium album, recipe vitream [?] dissolutam in una patella ita quod valde tenue coagulatur, tunc pone ipsum ad solem donec bene albescat, hoc fac totiens donec bene fit [?]. Item si rubeum recipe dissolue ut prius et recipe cinobrium et tempera cum oleo et impone agitando vel movendo cum ligno. Item si viridem recipe spongrune [?] et fac ut prius.
Si volueris facere corium vitreum subtile aut pergamenum abortivum quod vocatur sic fac vel forte non bene sit fac et fac dealbari et quando [illegible] sicut te [illegible] supra ante et te cum creta et factum est.
Si volueris facere [illegible] valeo [illegible] nas aut cedulas pergameni et pone illas ad vinum per unam noctem et tunc extrahe eas de olla et lava cum aqua ita quod aqua clara effluat et illa immundicia [illegible] sic mox et tunc pone [illegible] cum aqua [illegible] et [illegible] et sic [illegible] si te cum volueris colorare [illegible] apponere colorem quemcumque tibi placuerit et sic colorantur.
Wiltu werin [?] eyn gut wasser czu den ougen, ane [illegible] so nym eyn glas daz oben [illegible] henge dor yn rute und mache daz glas oben czu daz keyne luft dor yn moge und henge daz glas an dy sunne zo kumet daz wasser durch daz glas daz wasser ist gut [illegible]
De gallis videat [illegible] recipe [illegible] venus [illegible] et ligando ad pedem galli vel ad collum cum carta virginea scribendo hec nomina cum sanguine vespertilionis [illegible] aut [illegible] et pone gallum [illegible]
Ut venator appetat aut [illegible] dicendo adiuro vos [illegible] demones [illegible] ut quando [illegible] videat leporem currentem [illegible] duos [illegible] et [illegible] non audeat missam in octo diebus et alibi [illegible] prius debeat confiteri
Ad expellendum [illegible] recipe fel leporis et misce cum lacte et pone in domo et statim fugient [illegible] et cum [illegible]
Wiltu du wol [illegible] czu [illegible] nym [illegible] eyn [illegible] ist yn eyne [illegible] sy von [illegible] schrib yn eyn [illegible] namen yn daz [illegible] namen und [illegible] dy [illegible] den schalm czu [illegible] und heng in eyn [illegible] Eyn [illegible] daz heisset [illegible] daz sil [illegible] eyn [illegible]
[illegible] et pone [illegible] aqua [illegible] et tempera [illegible] cum eo et scribe et est pulcherrimum
Si vis facere [illegible] recipe [illegible] et in illud fac [illegible] et pone tabulam super lignum [illegible] celidonia et [illegible] et [illegible] folia sambuci et [illegible] et iunge illa [illegible] et de illis fac [illegible] et [illegible] arma
Vor dy albin [?] schrib eyn [illegible]
[illegible] quando te fantasma [illegible] ut famulum vel famulam dei [illegible] quiescere ante [illegible] debes plumbum habere et liga ad collum [illegible] plumbum de [illegible]
[illegible] in die veneris et [illegible] in duas partes equales [illegible] et scribe in una dimidietate [illegible] in alia parte [illegible] et [illegible] discordiam [illegible] est et [illegible] scribe [illegible] discordiam et [illegible] volueris [illegible] cum [illegible] et [illegible] quos volueris discordes [illegible] et [illegible] discordiam [illegible]
Si quis [illegible] vespertilionis et [illegible] ille non [illegible] donec deponatur.
Item accipe [illegible] et scribe [illegible] et [illegible] in [illegible] corporis [illegible] et [illegible] nomine [illegible] ut [illegible] habebit [illegible] secundum meam voluntatem

Ad videndum denarium de quo vis loco an dessig-
nes prima nocte liga dexteram ubi volueris denariu[m]
[e]t q[uod] nullus ... sine loqui illa nocte absq[ue]
... nodis pathan castel kamel + ... vos per
... et virtutem creatorem et filium qui nos et vos
creavit et vos per virum delectum ... vos
... dexteram vel duos ... garamoz ... nec
... de eis facit ... die ...
... in templum et illa die ieiunabis et die
... et dicatur ... prima nocte ...
... liga dexteram ... panni ... de quo dicebis
ad dexteram ... et sic loqui ... nova ...
... sume denarium ... et im-
plica ubi volueris et redeat et si sic plures
Ad fluxum nimium ventris valet ... fimum
vel lapis ... calidum



Manus inpinge
da tabula

... inpingi

Lux mundi immense pater caritatis largitor sapientie
et scientie et totius gratie spiritualis ineffabilis et inestimabilis
dispensator nosti enim prius omnia antequam fiant faci-
ens lucem et tenebras mitte manum tuam et tange
os meum et pone illud ut gladium acutum ad e-
narrandum verba tua memoriter Emitte spiritum sanctum
in cor meum ad percipiendum et animam meam ad retinendum
et conscientiam meam ad meditandum per iuramentum coheredis
tui per dexteram tuam sanctam pie preste visibiliter et clementer
inspira doce instrue et instaura introitum et exitum
sensuum meorum et cogitationum mearum et doceat et
corrigat me usque ad finem disciplina tua et adiuvet
me consilium tuum per infinitam misericordiam tuam Amen

Dum orationem legeris istam devote inspicias fac preceptum
re volueris experiendo rem eandem quam hic volueris
in oratione et ista misse de mane de angelis ante
operationem devote dicito primum et ave maria et credo
usque ad finem misse et devote tu volumen in doctrina
sedeas in loco tuo devotissime legendo orationem septimus
et inspiciendo figuram septimus quousque inspicias ob[illegible]
12 et hoc fac tribus noctibus et paulo dubio quod quod
orantis prima vel secunda vel 3 nocte eveniet
tibi Octheos prothecmos christe preciosissimos an-
gelos tuos Helysamazay Gerommaas Ge-
dehanay Elominod et per archangelos tuos glorio-
sissimos quorum nomina adeo sunt sacrata et secre-
ta ut a nobis proferri non debeant Oratio sit hec
Hel conranatorum alostaes donos Helyotos
phagor angeli sancti adestote advertite et docete
me de hac re N. ex. et queda que humani
sensus comprehendere nequeunt Et quo due nimi
conscientiam meam splendore lucis tui ut hec nocte
super hac re N. adorna animam meam memoriam
meam sicut hijs que videbo de hac re N. informa
domine restaura quo placatio suprasanctissime quod intellige
memoria mea et compassio meos vigilissime super
hac re N. et per ineffabile nomen tuum qui est fons
totius boni et pietatis ergo habe pacem 3 domine et
da mihi memoriam ut que ante peto mereor hic
sta largire michi et preparare et statim per promam

et animam expectas Et quo indignus ut famoso
scelerum peccatorum delictorum meorum squalores abster-
gas et me prorsus petitione tanta per nomina an-
gelorum et archangelorum tuorum de quibus perfecte fi-
dem dignum et efficacem perficias per gloriam et ma-
iestate tua qui vivis et regnas deus Amen

Hec subsequens dicitur de oratione omnipotentis deus

Domine deus piissime christe ihesu dulcissime pater
sed clementissime sanctorum salvator sanctissime tu unus et trinus
altissime verus rex fortissime deus optime gloriosissime
creator et dispensator prudentissime moderator et
rector omnium creaturarum visibilium et invisibilium deus potentis-
sime cuius terribilis et inestimabilis maiestatis
dominationi omnipotenti terra celum et terra mare et infernus
et omnia que geruntur mundi machina continentur ve-
niunt tremunt et obediunt
Deus sabaoth invisibilis deus fortissimus et visibilis deus
magnus et innumerus quem nunquam capit spiritus sed omnia amabilis
inspector amabilis auditor invisibilium mysteriorum optime
magister doctor doctorum sapientissime semper inspector
mitissime amator humilium benignissime
Deus sapientum et deus scientiarum sanctus omnibus thesauris sapientie
et boni sanctus qui solus sine labore et sine mora sapientiam
et scientiam omnium quam bonum dare potest sic ubi q est
preteritorum presentium et futurorum perpetuus inspector
et cordium omnium assiduus perscrutator per que fuisti
dispositionis desiderii virtutum et divinitatis
Confiteor coram te hodie tota sancta creatura nimis et in-
effabili gloria maiestati tue et coram omni celesti
consortio virtute et potestate laudes et benedico te
deum et dominum meum et invoco nomen magnum tuum
et admirabile super me quod est super omne nomen
Deprecor itaque te altissime domine qui te adorande colende
et timende deus magne + adonay + omnium
virtutum et dignitatum mirabilis dispensator
omnium donorum optimorum est que ubi largifluus erogator
et clementer habundanter et permanenter digneris effunde

In nomine domini amen. Recipe mercurii lb. i, sulphuris vivi lb. i, [illegible] una salis armoniaci [illegible] lb. i de amalgama [illegible] facta cum [illegible] et [illegible] primo et [illegible] omnia in lapide et tere diligentissime ut unum pro alio non possit cognosci. Hoc facto habeas patellam ferream et nova sit et magna quam ponas super carbones vivos et impone terturam tuam et cum tertura [illegible] et moveas cum [illegible] dulciter donec incipiat [illegible] aliquantulum tendens ad [illegible] et moveas tam diu donec incipiat [illegible] et [illegible] expone terturam super lapidem [illegible] et [illegible] tere diligentissime ut fiat pulvis. [illegible] quo pacto habeas ampullam vitream ad quam terturam illam imponas et ampulla [illegible] sit tam magna ut cum terturam imposueris quod due partes ampulle sint de vacue. Habeat ampulla [illegible] longum collum et [illegible] lento igne et ampulla sit aperta donec vapor et humiditas evanescat et claude os ampulle cum luto et ampulla sit [illegible] lutata ad spissitudinem unius digiti. Tunc ubi [illegible] vapor evanescat claude ampullam et da igne fortiorem per 3 horas et [illegible] melior per 3 horas et [illegible] ignem usque ad [illegible] tempore [illegible] et cum videas [illegible] aperi os ampulle et cum videas flammam [illegible] rubeam admodum [illegible] et claude [illegible] et fac ignem per se exspirare. Et [illegible] flammam rubeam [illegible] donec hoc fiat. Hoc est [illegible]

[illegible] argentum vivum et loco sulphuris pone arsenicum [illegible] primus docui de auro [illegible]

Item recipe [illegible] auro [illegible] argento vivo et [illegible] sublimato lb. i, salis armoniaci lb. [illegible]. Hec omnia [illegible] in lapide et pone in sublimatorium vitreatum et sublima lento igne donec vapor [illegible] evanescat et claude foramen et fortifica ignem [illegible] usque ad vesperas [illegible] vesperas [illegible] ignem per 3 horas et fac ignem per se exspirare. [illegible] aperias vas et extrahe sublimatum et pondera et quantum defecit in pondere tantum adde de sale armoniaco novo et [illegible] in lapide et pone ad sublimandum per omnia faciendo ut prius. Et hoc totiens faciendo [illegible] ponderando et sublimando donec [illegible] plus [illegible] et [illegible] in [illegible] et [illegible] admodum [illegible] et [illegible] infrigidato [illegible] modum lapidis aliquantulum [illegible] hoc tere in lapide et [illegible] partes aque [illegible] et dissolve et distilla et [illegible] totiens [illegible] faciendo sicut prius docui in practica precedente. Tunc [illegible] super [illegible] et distilla [illegible] ita quod [illegible] aque [illegible] super [illegible] et fac ignem per se exspirare. Cum infrigidatum fuerit [illegible] lapis [illegible] admodum rubini. [illegible] et [illegible] in lapide pone ad [illegible] et loca [illegible] lampadis sit [illegible] per 6 septimanas [illegible] fuerit [illegible] de quo pone 1 partem super [illegible] partes [illegible] et [illegible] una [illegible] missa fuerit [illegible] omnes probaciones [illegible]

Nota quod sol in principio autumpni per venerem [illegible]
[illegible] eidem luna applicante ipsa die et eadem
[illegible] ymbres provenient fuit in mo[illegible] minus
[illegible] adusto si luna eidem applicet [illegible] eidem
opposita et in scorpione [illegible] [illegible] est iunctus
et venus sub scorpione [illegible] indicabit sole
in aquario luna illi applicante cum [illegible] oppo
[illegible] et venus ibi [illegible] in ipsa [illegible] pluvie
[illegible] [illegible] quod sol et venus ad solem app
licatus et luna in [illegible] opposito aut trigono [illegible]
[illegible] [illegible] venus adusta fuit [illegible] de pluviis
[illegible] indicant et si [illegible] et [illegible] cum eas
[illegible] distringit ymbres [illegible] et [illegible] eadem
die [illegible] Mars sole in [illegible] et lunam
cum [illegible] et [illegible] [illegible] ad illum [illegible]
ymbres [illegible] et [illegible] guttas [illegible]
[illegible] quod in domo veneris aut [illegible] aliter [illegible]
et scorpione stelle [illegible] et tonitrua et choruscationes
[illegible] Sol [illegible] in piscibus [illegible]
[illegible] luna in [illegible] cum libra [illegible] sagittario
[illegible] in capricorno [illegible] ipsa die ymbrium
[illegible] Amplius venus [illegible]
[illegible] cum sole in domo veneris [illegible] luna
stellas [illegible] lapidee et [illegible]
[illegible] [illegible] piscibus a [illegible] libra a scorpione luna
in [illegible] opposita [illegible] cum venere [illegible] stellas non
[illegible] lapidibus tonitruo et fulgure [illegible] Item luna
cum leone lapides et [illegible] et fulgura [illegible] Mars
quidem [illegible] si sole in [illegible] [illegible]
[illegible] Luna quidem in [illegible] [illegible] scorpione
Mars [illegible] domus opposito [illegible] Sol
et in aquario et piscibus [illegible] die [illegible] pluviarum
[illegible] habundantia Sole quidem in piscibus
[illegible] [illegible] tonitrua
et pluvias efficiet et fulgura [illegible] Sol
in capricorno luna [illegible] [illegible] piscibus
[illegible] [illegible] [illegible] [illegible]
[illegible] et potissime in aquario [illegible] in [illegible]
[illegible] [illegible] luna [illegible] [illegible] ante
pluviarum [illegible] Saturni [illegible]
[illegible] et [illegible] de quorum [illegible]
[illegible] [illegible] et [illegible] et [illegible]
[illegible] [illegible] scorpione
[illegible] luna [illegible] veneri [illegible] [illegible]
ymbres [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] ymbres [illegible]
[illegible] Venus cum marte mercurio cum iove
item

[illegible] cum Saturno applicat [illegible] a [illegible]
[illegible] pro [illegible] venus [illegible] porta
[illegible] iovem luna Saturni [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] Venus [illegible] sol
in [illegible] vel [illegible] indicat valde
pluviosum [illegible] [illegible] [illegible] Cum
sol in capricorno vel aquario [illegible] illa
[illegible] [illegible] [illegible] sub [illegible]
[illegible] [illegible] [illegible]
[illegible] Sol [illegible] [illegible]
[illegible] aquario [illegible] pisces [illegible]
[illegible] modicas [illegible] hyemis principium
[illegible] [illegible] pluvias [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] indicium
Venus [illegible] [illegible] [illegible]
[illegible] et forte pluvias [illegible] indicium
[illegible] [illegible] [illegible] [illegible]
[illegible] ymbres [illegible]
[illegible] [illegible] eidem applicat pluviam
efficit [illegible] sol in [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] eidem applicans [illegible] [illegible]
ad libram [illegible] cum sole [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] pluvias [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] hyemis principium
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] pluvias [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] marti applicante [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] iovi applicans
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] non aliud [illegible] indicium
Luna [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] et marti applicanti [illegible] [illegible]
[illegible] pluvias efficit [illegible]
[illegible] [illegible] iove [illegible] [illegible]
applicatio vel [illegible] [illegible] soli app
licans non [illegible] indicium [illegible] et quando

post [illegible] pervenit. si vero venus
et mars [illegible] pluvias in anni
[illegible] futuras nullatenus sit [illegible]
si luna [illegible]
et [illegible] ab alia
[illegible] applicet [illegible]
[illegible] pluvias [illegible]
[illegible]
[illegible] applicatio [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
fructuum et victualium [illegible]
[illegible] applicatio [illegible]
pluvias [illegible] luna [illegible] applicatio

[illegible]

[illegible]

erit nubila pluuia absque [illegible] si luna dec... iovi necnon [illegible] in mansione [illegible] in fortitudine aliter
iove aspiciat [illegible] nubila tamen [illegible] si iove
et luna sit [illegible] ut uenit in fortitudine iove [illegible]
et ipse aspiciat saturnum erit pluuia [illegible] si luna
[illegible] fuit in mansionibus humidis et aliter in fortitudine
[illegible] aspiciat [illegible] nubila [illegible]
[illegible]
[illegible] iove [illegible]

[illegible]

cum e sagittal [illegible] zephir e austro [illegible]
[illegible] pisces [illegible]
[illegible]
[illegible] pluuia uel
[illegible]
[illegible] pluuia [illegible]
[illegible]
[illegible] pluuia [illegible]
[illegible]

[illegible] Et uolumus [illegible]
[illegible] et hinc in capite anni [illegible]

[illegible] alimpteg [illegible]

[illegible]

[illegible] in capite anni [illegible]
[illegible] in capite anni [illegible]
[illegible] pluuia [illegible] fortis [illegible]
[illegible] bono uel malo. Et [illegible]
[illegible] saturni et iouis. Et [illegible]
[illegible] dispensatione mundi [illegible]

Et sic est finis libri de ymbribus

Nota [illegible] angliei [illegible] planetarum
[illegible] solidam [illegible]
[illegible] tanta [illegible]
[illegible] secundum [illegible] corporis [illegible]
[illegible] in auge [illegible] corporis [illegible] auge
[illegible] corporis [illegible]
[illegible]

Color eclipsis solaris [illegible] color aeris [illegible] eclipsis [illegible]
[illegible] color [illegible]
[illegible]
[illegible] mars rubeus [illegible]
[illegible]

[illegible] purgat [illegible] ...
[illegible] minuet [illegible] nunc [illegible] non [illegible] corpi [illegible]
[illegible] non [illegible] corpi [illegible]
[illegible]
[illegible]
[illegible] minuit [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] fuit [illegible] valde [illegible]
[illegible]
[illegible]
[illegible]
[illegible] nomet
[illegible] quesit [illegible]
[illegible]
[illegible] applicato [illegible]
[illegible] fuit applicatam [illegible]
[illegible] nonam [illegible]
[illegible]
calefacit [illegible] aliud corpori
[illegible] fuit [illegible]
minuit et sic corpis [illegible]
[illegible] fuit [illegible]
[illegible]
applicata fuit [illegible]
[illegible] nona [illegible]
[illegible] fuit
[illegible] nona [illegible]
[illegible] fuit [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] communis [illegible]
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[illegible]
[illegible]
[illegible]
[illegible] fuit [illegible]
[illegible] fuit [illegible] mali [illegible]
[illegible] actione [illegible] corpe

[illegible] fuit [illegible]
[illegible] corpi [illegible] motu [illegible]
[illegible] non [illegible]
[illegible] 120 [illegible]
[illegible]
[illegible]
[illegible] 120 [illegible] fuit
[illegible]
[illegible] 21 [illegible]
[illegible]
[illegible]
[illegible]
[illegible] 20 [illegible]
[illegible] fuit
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[illegible]
[illegible] 120 [illegible]
[illegible] 21 [illegible]
[illegible]
[illegible] fuit [illegible]
[illegible] fuit [illegible]
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[illegible]
[illegible]

[illegible]

Explicit libellus haly de signis coniunctionis planetarum cum sole in omnibus duodecim signis.

Incipit tractatus willelmi anglici de iudiciis egritudinum secundum scientiam astrologie

Ne vel ignorancie vel presumpcionis invidie [illegible] ... apud marsiliam aliqua[illegible] ... meam studiorum [illegible]

[illegible]

Interrogationes seu questiones [illegible] solvere antiquas [illegible] in [illegible] cum sollicitudine magis [illegible] unite in [illegible] [illegible] ab [illegible] temporibus [illegible] fuit [illegible] cum [illegible] eclipsi [illegible] [illegible] [illegible] [illegible] adeo [illegible] ut [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sic. nec [illegible] [illegible] [illegible] abstractionibus [illegible] [illegible] vel [illegible] vel [illegible] posse [illegible] [illegible] [illegible] [illegible] [illegible] Dubium non est qui [illegible] [illegible] particularibus [illegible] ad [illegible] [illegible] maiores [illegible] eclipses anima mundi [illegible] [illegible] [illegible] [illegible] seu [illegible] [illegible] [illegible] [illegible] [illegible] gladius [illegible] pestis fames [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] astrologi [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Hec [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] efficaces [illegible] motus [illegible] [illegible] [illegible] ad [illegible] [illegible] [illegible] medie [illegible] efficaces [illegible] legem et ordinem nature [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] medicus [illegible] medicus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] medicus [illegible] oporteat [illegible] [illegible] [illegible] [illegible] antiqui

[illegible] [illegible] [illegible] [illegible] medicina [illegible] [illegible] [illegible] adiunxerit ut [illegible] [illegible] predictas in suo opere [illegible] [illegible] attingunt [illegible] ut ait albumasar [illegible] [illegible] [illegible] [illegible] [illegible] medicus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ex opere [illegible] [illegible] [illegible] medicina [illegible] [illegible] [illegible] [illegible] [illegible] non [illegible] et primo de saturno. De saturno [illegible]

De corpore [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] vesica melancolia [illegible] [illegible] [illegible] [illegible] possidet [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] splenes [illegible] [illegible] [illegible] morbi [illegible] podagra [illegible] [illegible] [illegible] [illegible] occasione [illegible] De Jove [illegible] [illegible] pulmonem [illegible] [illegible] [illegible] sanguine. [illegible] morbi [illegible] [illegible] [illegible] [illegible] apoplexia [illegible] [illegible] litargia cardiaca [illegible] [illegible] [illegible] [illegible] Marte. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ut [illegible] albumasar [illegible] [illegible] [illegible] [illegible] febres [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sanguinis [illegible] [illegible] De sole [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] De venere [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] De mercurio [illegible]

[illegible] et [illegible] ex [illegible] applicationibus [illegible]. Et non quod dux [illegible] [illegible] signa infimi [illegible] croniales [illegible] [illegible] veritates et manifestas [illegible]. [illegible] [illegible] planeta [illegible] [illegible] [illegible] [illegible] et [illegible] addiciat [illegible] nulla [illegible] [illegible] [illegible] alicuius [illegible] fortunii [illegible] infortunii [illegible] [illegible] conditiones mundi [illegible] [illegible] [illegible] civitatis [illegible] [illegible] [illegible] [illegible] in [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] quem [illegible] [illegible] [illegible] amplectuntur. [illegible] de [illegible] corporis secundum domicilia [illegible] [illegible]

Domicilia quoque corporis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ordine [illegible] [illegible] capud cum facie oculorum [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. ¶ 2 domus [illegible] collum [illegible] [illegible] cum suis [illegible] [illegible] glandule fistule [illegible] et [illegible]. ¶ 3 domus humeros cum [illegible] [illegible] [illegible] cum suis [illegible]. ¶ 4 domus [illegible] pectus [illegible] [illegible] pulmone [illegible] [illegible] [illegible] pectoris possidet. ¶ 5 domus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. ¶ 6 domus [illegible] [illegible] [illegible] [illegible] [illegible] collum [illegible] [illegible] [illegible] [illegible] [illegible]. ¶ 7 domus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] renibus et [illegible] [illegible] [illegible] [illegible]. ¶ 8 domus [illegible] vesica [illegible] [illegible] [illegible] medulla ad [illegible] [illegible] [illegible] [illegible] sanguinis [illegible] [illegible] [illegible] [illegible]. ¶ 9 domus [illegible] [illegible] [illegible]. ¶ 10 domus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. ¶ 11 domus [illegible] et [illegible] cum suis [illegible]. ¶ 12 [illegible] [illegible] ad talos cum suis [illegible] [illegible] [illegible] pedes [illegible] cum suis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] lepram apostema pustulas [illegible] [illegible] [illegible]. ¶ [illegible] [illegible] [illegible] fortune [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] fortune [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Mars capud Sol [illegible] [illegible] [illegible] [illegible] Luna genua [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Saturnus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] domus [illegible]

Signa	Saturnus / Jupiter	Jupiter / Mars	Mars / Sol
Aries	pectus	[illegible]	capud
Taurus	ventrem	[illegible]	collum
Gemini	ventrem	[illegible]	pectus
Cancer	inguina	femora	pectus
Leo	inguen	[illegible]	ventrem
Virgo	pedes	genua	stomachum
Libra	genua	oculos	inguina
Scorpio	talos	pedes	capud
Sagittarius	pedes	capud	pedes
Capricornus	capud	pedes	humeros
Aquarius	capud	humeros	talos
Pisces	brachia	capud	talos

Sol / Venus	Venus / Mercurius	Mercurius / Luna	Luna
femora	pedes	crura	genua
genua	capud	pedes	crura
crura	collum	capud	pedes
pedes	brachia	oculos	capud
capud	cor	humeros	collum
collum	ventrem	cor	humeros
humeros	capud	renes	cor
cor	lingua	dorsum	ventrem
ventrem	femora	cor	dorsum
inguina	cor	cor	femora
dorsum	dorsum	[illegible]	[illegible]
femora	genua collum	cor lingua	[illegible]

De [illegible] [illegible] cui nomen Alimpar

Dicunt illi cui nomen alimpar [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] cordis et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] alie [illegible] [illegible] [illegible] fortunia et infortunii [illegible] [illegible] [illegible] [illegible] [illegible] mundi [illegible] domicilium [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] fortune [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] dignitates obtinuerit

[illegible] ascendens nos adhuc de gradu [illegible] tui [illegible]
[illegible] dico principaliter [illegible] est [illegible]
duo [illegible] et duo [illegible] [illegible]
[illegible] plus [illegible]
[illegible] in maiori [illegible] suo fuit
fortior sit [illegible] [illegible] fuit
[illegible] celi [illegible] domus [illegible]
[illegible]
[illegible] fuit [illegible]
[illegible] fuit duo [illegible] omnia [illegible]
[illegible] fortitudine potentior [illegible]
[illegible] nam illa [illegible] super omnes [illegible]
[illegible] fuit [illegible]
[illegible] potest [illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[illegible] in [illegible] [illegible] domus [illegible] intelligere
[illegible]
[illegible]
[illegible] fuit [illegible]
[illegible]
[illegible]
[illegible] fuit
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[illegible] domibus
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[illegible]

[illegible]

Explicit Wilhermus anglicus

Incipiunt considerationes astrologie

[illegible]

Incipit tractatus Thebit [illegible] de motu [illegible]

[illegible]

Hec est demonstracio thebit qui venit caput arietis moveri

Circulus orizontis

meridies

declinatio

caput arietis

[illegible] de quo postea [illegible]

H[illegible] in .4. partes equales [illegible] a puncto [illegible] duas lineas [illegible] ad basim [illegible] basem [illegible] ad duas duas lineas [illegible]

[illegible]

H[illegible]

[illegible]

sub quibus [illegible]

D[illegible] nona signo [illegible] signa [illegible] aquarium [illegible] decembr[illegible] februa[illegible] augustum [illegible]

H[illegible]

U[illegible] clauis [illegible]

[illegible]

stili ita ut stilus exeo procedat et de
facili sine aut aliter volvatur. Facies quoque
concavitatem in fiol parte cooperculi per quod quod
perforasti stilus inserta fixusque exeat. Et
postea in ipso cooperculo sive capud chylindri
qui clausa pyxide orthogonaliter emi
neat et pinule que in parte stili que eminet et
in ipsa superficie rectum angulum constituat
et sit prout superficie eius produc in ipso chylindro
signasti. Hec sunt mediante cooperculi quod est
per stilum in foraminibus plumbo [illegible]
stili equalem ne in [illegible] instrumento
aliqua [illegible] Et in hoc con
pletur compositio chylindri medici
fratris anno 1288.

Ad componendum horarium [illegible]

Ad componendum horarium fac [illegible]
et dividatur [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
sunt equales [illegible]
[illegible]
[illegible]
[illegible]
et partes horarum manifestat [illegible] figura
[illegible] in dicam [illegible]
[illegible] fiat circulus in loco plano
[illegible]
de umbra eius ante meridiem [illegible]
[illegible]
[illegible] umbra spatium circuli in medio
[illegible] dividatur [illegible]
linea [illegible] divisione [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[illegible]

Incipit liber alchimistarum · p[illegible] sim[illegible] ultra luna subest Calx [illegible] finge [illegible] [illegible]
Solis fit petra que confert gaudia multa Saturnus i. plumbum Jupiter i. stannum Mercurius i. arge=
ntum vivum Sol i. aurum Luna i. argentum Venus i. cuprum Mars i. ferrum [illegible] Arsenicum [illegible] gel auripi=
gmentum opiment Tartarum Weinstein Leo viridis i. [illegible] / alundel i. vas vitreum cum arto collo et
ventre amplo Allembicus i. vas vitreum et est formosum ut galea / Galea est pilleus super allembicum / Lutum
sapientie est media [illegible] cum argilla [illegible] / lapis [illegible] est sanguis / [illegible] est media [illegible] / Vitreolum
romanum i. galizen stein / Cerusa i. bleywis / [illegible] gebrant kupfer / viridi [illegible] [illegible]
[illegible] realgar [illegible] / Cinobrium aquila / Elixir i. pulvis // Si vis facere [illegible] i. lunam
recipe partes Jovis et purga bene et appone ei partes lune vel veneris 3as partem et super sparge parum de croco et
moveas cum ligno et funde [illegible] et habebis bonam lunam et prius funde [illegible] ad Jovem
ignitum et super pondo [illegible] [illegible] minutissimo [illegible] vel [illegible] vel amplius quousque durum fiat
et albedinem debitam recipiat et valet ad fundendum si non [illegible] [illegible] Jovis extinguatur
tunc accipe [illegible] de tartaro et extinguatur Jovis [illegible] sicud supra dixi // Item recipe lutum sapientie et impone
arsenicum et pone [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] et recipe et impone lutum sapientie et pone
[illegible] et da ei de igne forti et tunc sparge [illegible] [illegible] super [illegible] cuprum et habebis pulchram albedinem
et integram et adde sibi 3am partem lune et habebis optimam lunam // Item recipe realgar et [illegible] ac
minutissime et recipe oleum lini et [illegible] realgar in ollam et fac [illegible] quousque [illegible] [illegible]
et hoc fac [illegible] [illegible] [illegible] oleum [illegible] et [illegible] [illegible] oleum [illegible] [illegible] [illegible] sublimatorium
in ollam et facies [illegible] [illegible] [illegible] et [illegible] claude bene cum luto sapientie et fac [illegible] per diem
naturalem et da ei fortissimum ignem et [illegible] [illegible] et fac infrigidari et [illegible] et recipe flores [illegible]
[illegible] superiori et recipe [illegible] et [illegible] [illegible] talenta Jovis et [illegible] talenta lune et fac [illegible] [illegible] et tunc
appone flores [illegible] [illegible] et [illegible] per parvam horam extinguatur et habebis lunam bonam [illegible] [illegible]
[illegible] // Item recipe Cinobrium [illegible] viride [illegible] et [illegible] [illegible] [illegible] [illegible] partes [illegible]
[illegible] [illegible] et [illegible] [illegible] et [illegible] [illegible] et [illegible] partes [illegible] [illegible] [illegible] de sanguine [illegible]
ut possit fieri pasta et recipe laminas lune [illegible] partes et pone [illegible] [illegible] infundo [illegible] [illegible] ad
spissitudinem [illegible] digiti et tunc impone omnes laminas [illegible] [illegible] pone [illegible] [illegible] et claude
luto sapientie et fac bene [illegible] et da ei ignem sufflando per medium diem naturalem // [illegible] de coagu=
latione [illegible] [illegible] [illegible] [illegible] [illegible] et si aqua fuerit [illegible] [illegible] [illegible] deinde [illegible] [illegible]
[illegible] [illegible] [illegible] per [illegible] horas [illegible] et pone [illegible] [illegible] [illegible] ut fiat forte et [illegible]
[illegible] [illegible] [illegible] et [illegible] luto sapientie ne [illegible] exeat et [illegible] fac bene desiccari
[illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] naturalem et coagulabitur [illegible]
[illegible] ponas ad ignem postea poteris [illegible] [illegible] [illegible] [illegible] laminas [illegible] [illegible]
[illegible] et erit malliabile // Item accipe unam libram de oleo lini vel [illegible] et laminas [illegible] [illegible]
et extinguatur in oleo [illegible] [illegible] et [illegible] molles ita quod [illegible] [illegible] [illegible] postea accipe [illegible] partem [illegible]
et infunde et impone [illegible] de [illegible] et plumbo de argilla vas bene ne [illegible] et pone in furno
fusionis per duas horas et postea infrigida et [illegible] [illegible] [illegible] et mollem [illegible] si molliorem
volueris [illegible] tunc infunde [illegible] [illegible] et sale alkali [illegible] vel [illegible] et sic [illegible] [illegible] ita=
[illegible] et [illegible] mollem // Item recipe laminas calibis et
[illegible] vel appone ei 3 partes bene purgatas et erit [illegible] et molle // Item recipe laminas calibis et
extinguatur [illegible] in oleo lini deinde [illegible] [illegible] [illegible] et [illegible] [illegible] [illegible] bene [illegible]=
[illegible] [illegible] [illegible] laminas [illegible] quousque vas plenum fuerit et [illegible] bene [illegible] luto sapientie et prius
[illegible] [illegible] [illegible] ad spissitudinem duorum digitorum deinde da sibi ignis [illegible] per duas horas
diei postea aperi et fit [illegible] deinde [illegible] laminas [illegible] et [illegible] [illegible] vas et [illegible] est bonum
ignis sicud prius et fit [illegible] // Item [illegible] lapides [illegible] in arte [illegible] alchimistarum [illegible]
[illegible] [illegible] [illegible] de lapidibus et [illegible] [illegible] [illegible] principaliter [illegible] [illegible] [illegible]

ipis fit tinctura et dicitur elixir quod transsubstantiat omnia metalla et non purgata in solem et lunam quod melius
omni naturali. Et contra volo doctrina pone de uno [illegible] de scorpione i. tamber [illegible] ex lapide vel eciam ipsa
qui dicitur rubeus (menstrui hominis) et nascitur in duobus montibus ex quo volentes intentum sumunt et non accipias ipsum
nisi rotundum cum suo sanguine et si hic lapis non [illegible] non gaudet in manu [illegible] in igne inge-
diuntur et quia [illegible] sunt commixti et coniuncti et ignis non separat eos accipe ergo illum et incide in
frusta ad magnitudinem tui unguis tunc accipe de ipso unam [illegible] i. ℔ xij uncias et pone
in x libras urine puerorum et hec omnia pone in ollam de vitreata et pone super ignem et decoque
lento igne tam diu donec medietas aque sit consumpta et considerabis cum liquor super proporcionem [illegible]
et caveas ne suscipias odorem quia inficeret te et cum usque [illegible] fuit [illegible] et iam mutata que
dicitur rubis in aqua, serva ipsam quia hec est ex [illegible] tunc pone infrigidari et cola per pannum
et feces abice et hic est lapis de quo philosophi dicunt hic lapis est et non lapis hunc invenies ubique in plancie
et in aquis [illegible] cum hunc tam dimittes quod pauperes et est vilissimus et carissimus ex ipso [illegible]
[illegible] et inficit [illegible] ex ipso [illegible] et [illegible] quam volueris laude dei et [illegible]
qui creavit carissimum ex re vilissima distilla ac hanc aquam separes et feces que remanebunt
in distillatorio [illegible] accipe [illegible] et decoque in patella cum aceto et cum sale armoniaco et cum
sale [illegible] et ita purificatur [illegible] finis decoctionis eius est in x horas [illegible] alia pura
rotundam et de vitreata [illegible] collum et pone in ea mediam libram argenti vivi et appone uncias
3 de aqua quam fecisti et claude os olle tunc habeas furnellum rotundum factum ex bona argilla
subtus habens foramine ubi vasa imponantur [illegible] tam diu donec [illegible]
[illegible] totum ignem et impone ollam [illegible] fornacis et claude os fornacis et ita dimitte [illegible] usque
mane et [illegible] olla [illegible] aliquantulum [illegible] iam impone vas in furnum cale-
factum hic fac [illegible] donec sit sublimatum pone [illegible] de ipso partem unam super
1000 partes ferri tunc accipe de hoc [illegible] partem unam et [illegible] 10 partes [illegible] et erit luna multo melius
omni naturali [illegible] in aurum operis accipe de ipso [illegible] et [illegible] super lapide
apponendo unam unciam de [illegible] quam fecisti et [illegible] die et pone in olla [illegible] 3 uncias
aque et impone in furnum calefactum mane [illegible] et [illegible] appone unam unciam de [illegible] et [illegible]
per omnia sicud predictum est et hoc fac [illegible] tunc accipe de ipso partem unam super 1000 partes [illegible] et erit
bonum et rubeum tunc accipe de hoc rubeo et pone super 10 partes [illegible] sol et [illegible] in e-
ternum et hoc est elixir quod transsubstantiat omnia metalla in [illegible] unam in solem et lunam [illegible] iam [illegible]
tibi [illegible] dat scrupula [illegible] de dragma [illegible] dat dragma duodena
dat unciam libram [illegible] unam calcem de [illegible] calcem [illegible]
[illegible] de sale albuli. Sal alkali est qui [illegible] et [illegible] — nota
[illegible] tunc [illegible] solvit omnes calces [illegible] in aquam et reducit omnes calces corporum in solida
massam [illegible] est calida et humida [illegible]
[illegible] ad panos [illegible] et [illegible] accipe cum de calce
[illegible] et misce simul et accipe pannum forte et spissum et pone super [illegible] et super [illegible] mixta
cum calce [illegible] pannus [illegible] et funde desuper aquam ardentem et [illegible]
[illegible] funde aliam aquam et [illegible] super [illegible] calcem [illegible] dimitte illud
[illegible] et [illegible] fac sicud priori [illegible] aqua [illegible]
usque mane tunc [illegible]
[illegible] sal album [illegible] accipe hunc sal et pone in olla
usque medium et [illegible] pone ad fornacem olla non clausa et da ei ignem [illegible] quasi [illegible]
non insaniat [illegible] quasi totum rubescat et liquefiat [illegible] effunde [illegible]

ferrea tenendo ollam in aliam ollam ingeniter [illegible] et si [illegible] cardamus que non effundis et velo-
citer induerabitur et [illegible] sal albatum [illegible] pone in vitreo vase [illegible] calido et sicco et [illegible] et si
[illegible] poteris solvere magis. Ad lasurum faciendum recipe ampullam plenam [illegible] et imple [illegible] tale vina
et aceto forti et bene cooperi et pone in fimo vel in [illegible] vel [illegible] et [illegible] integram
mensem et erit lazurium. Ad [illegible] faciendum recipe [illegible] et alume et aloe epatico et [illegible] in mortario et [illegible]
recipe [illegible] et [illegible] cum [illegible] quousque rubicundum fuerit et [illegible] cum predicta [illegible]
et fac siccari in sole [illegible] si non est satis rubicundum [illegible] cum predicta [illegible] et [illegible] fac tam diu quousque
rubicundum satis fuerit [illegible] recipe [illegible] rotundum et [illegible] bene [illegible] [illegible] bucas [illegible] et pone in x libras aque
albule et x libras [illegible] et [illegible] pone in olla [illegible] et decoque lento igne tam diu donec
[illegible] sit consumptum et caveas ne suscipias odorem [illegible] [illegible]
[illegible] et [illegible] — Nym [illegible] daz [illegible] selbe [illegible] und dy [illegible] dy do
blibe dy behalt [illegible] und [illegible] daz [illegible] salcze [illegible] an de tage zo selben
[illegible] eyne [illegible] nemen [illegible] eyn [illegible] und yn de [illegible] halb [illegible]
argenti [illegible] z [illegible] daz [illegible] daz du [illegible] zo secze de [illegible] yn eyne [illegible]
[illegible] der [illegible] habe den [illegible] gar wol [illegible] und [illegible] sal [illegible]
syn daz [illegible] zo laz yz steyn biz an de morgen daz [illegible] zo [illegible] ez [illegible]
[illegible] und lege ez [illegible] teyl [illegible] [illegible] und [illegible] teyl [illegible] unde
secze daz [illegible] teyl [illegible] zo [illegible] ez gut [illegible] den [illegible] dey du [illegible]
[illegible] und [illegible] eyne steyne [illegible] halben tag und [illegible] eyner halbe [illegible] dy du [illegible]
behalden von dey [illegible] dornach secze yz yn dey [illegible] daz erste [illegible] zo
[illegible] yz [illegible] dem [illegible] und [illegible] dar [illegible] von de [illegible] yz [illegible]
alzo daz [illegible] al alzo [illegible] zo [illegible] teyl und [illegible] teyl silbers daz [illegible]
zo [illegible] ez gut und rot zo [illegible] von dem [illegible] eyn teyl und [illegible] teyl
[illegible] et [illegible] et durabit in eternum — Nym [illegible] und [illegible]
[illegible] und halt yz yn [illegible] und [illegible] yn daz [illegible] behalt yz
[illegible] und [illegible] yz gut [illegible] yz [illegible] alzo [illegible] und [illegible] zo [illegible] yz [illegible]
[illegible] erste [illegible] zo ist yz gut [illegible] yz [illegible] alzo [illegible] und [illegible] zo [illegible] yz [illegible]
Ad depellendum [illegible] sal armoniacum et [illegible] cum [illegible] et [illegible]
[illegible] parte et pone ad locum [illegible] et mitte [illegible] ad x [illegible]
[illegible] et [illegible] cum pannis et [illegible] luto sapientie ut neque ei [illegible] et [illegible]
[illegible] et [illegible] cum panno [illegible] luto [illegible] fuerit et [illegible] cum igne lento et [illegible]
siccari ex se ipso in sole et [illegible] cum sicco [illegible] et [illegible] cum igne lento [illegible]
ea cum fortissimo ut manabit [illegible] aqua et decoque [illegible] et infunde [illegible]
metallum [illegible] aqua [illegible] cum [illegible] et [illegible] et [illegible] potest facere
solem et lunam — Ad faciendum [illegible] nym [illegible] silber und [illegible]
daz und menge yz mit [illegible] und [illegible] yz yn eyn erden [illegible] daz do [illegible] eyn
[illegible] und [illegible] yz wol mit luto sapientie und loz ez [illegible] yn selber [illegible] und
[illegible] yz denne yn eyme [illegible] mit [illegible] fewir dor noch zo yz [illegible] ez
[illegible] yz [illegible] mit starkem fewir und [illegible] daz [illegible] uf [illegible] und loz yz [illegible]
[illegible] an dey [illegible] zo loz ez [illegible] daz pulvis [illegible]

Man zal wissen daz [illegible] pulvir sy dy [illegible] kuppir dy rote [illegible] und [illegible] me-
tallen [illegible] daz erste ist zal armoniacum daz andir [illegible] daz dritte swebel daz
virde arsenicum daz wir heysen geyste in der kunst.

[illegible]	12	24		
[illegible]	4	36	2	
[illegible]	8	17	3	
Taurus	14	50	4	
Gemini	2	4	5	
Gemini	12	35	6	
Gemini	20	27	7	
Cancer	0	20	8	
Cancer	20	57	9	
Leo	2	10	10	
Leo	16	34	11	
Leo	24	0	12	

m isme

In nomine d[illegible]

Incipiunt tabule mensium

[illegible]

[illegible] 10 10 71 11 30

£ 86 · 29 · 18 · 70 | 29

[illegible] 1442 [illegible]

Nota [illegible] et [illegible] [illegible] massam [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] sal [illegible] medium [illegible]
[illegible] pulverem subtilissimum [illegible]
[illegible] pone in lamina [illegible]
de [illegible] [illegible] [illegible]
[illegible] [illegible]
cum subtilissimo [illegible]
[illegible] adde duas [illegible]
cum illis duabus partibus [illegible] plumbi et
dissolve tunc adde illa lamina [illegible] et dissolu-
[illegible] [illegible] procedendo paulatim
ad ignem [illegible] et [illegible]

[illegible]

[illegible] [illegible] [illegible]
[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	8	23	18	30	29
[illegible]	7	32	23	20	[illegible]	[illegible]
[illegible]	2	0	13	[illegible]	[illegible]	[illegible]
[illegible]	7	22	[illegible]	[illegible]	33	
	2	19	18	30	[illegible]	19





[illegible] 1222 6622

[illegible] appella
[illegible] et pp [illegible] et [illegible] massam [illegible]
massa [illegible] [illegible] [illegible]

heon elyon ghete
... Saboth tetragrammaton

soymi — emorz

paimon

Luna — Sol — Mercurius — Venus — Mars — Jupiter — Saturnus

Cancer — Leo — Virgo — Libra — Scorpius — Sagitt. — Capricorn. — Aquarius — Pisces — Aries — Taurus — Gemini

Nullibi plus ... domus ... per ... sole et luna que ... signa demonstrantur

sal armoniacum

Loira e ...
... ... a ... quera
... millotz

